

The Jini Technology

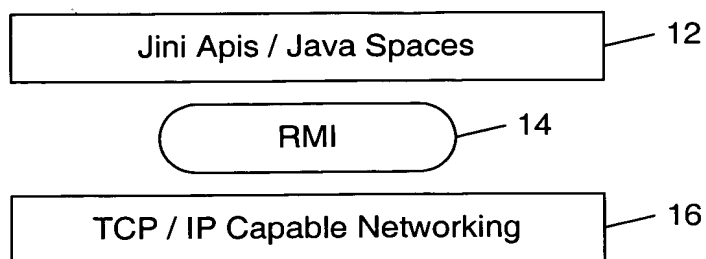


Fig. 1
(Prior Art)

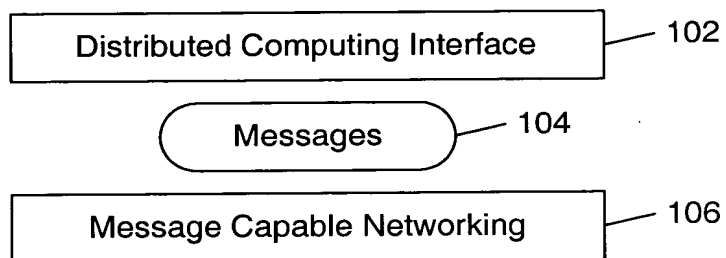


Fig. 2

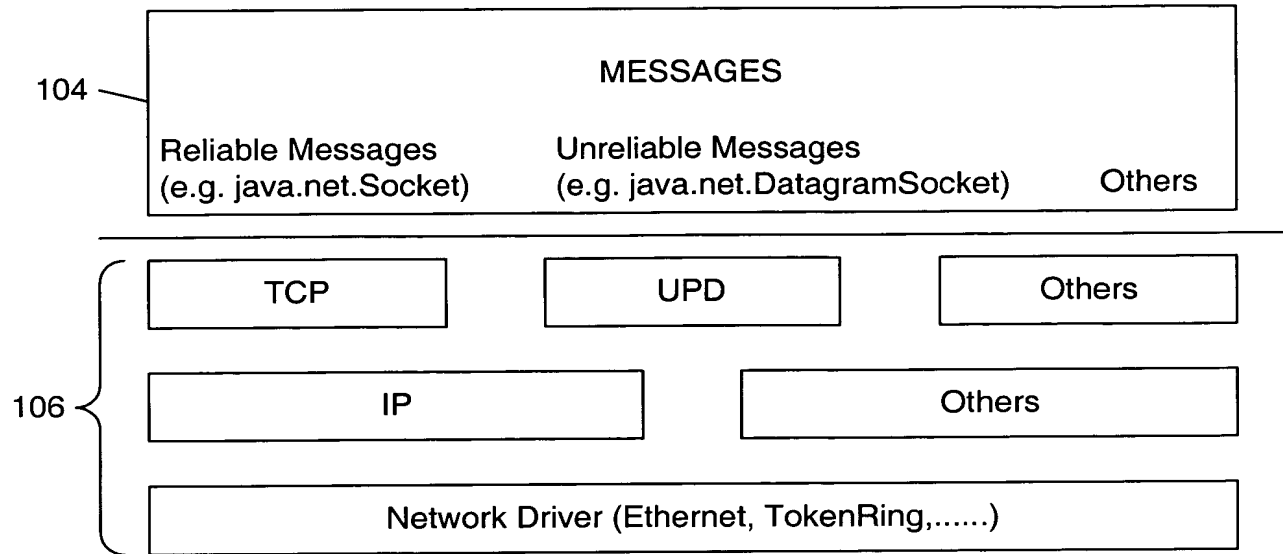


Fig. 3

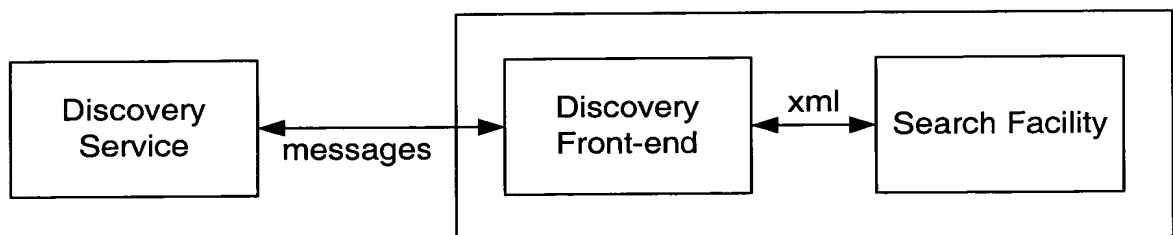


Fig. 4

Dynamic

Client Profile

Claim and Release (a lease) Find (an object)

Write and Take (an object) Notify on Write
Public Apis

Dynamic XML to / from Objects

Send / Receive Byte Messages

Connection Transport

Static

Client Profile

Static XML Message Definitions

Send / Receive Byte Messages

Connection Transport

Fig. 5

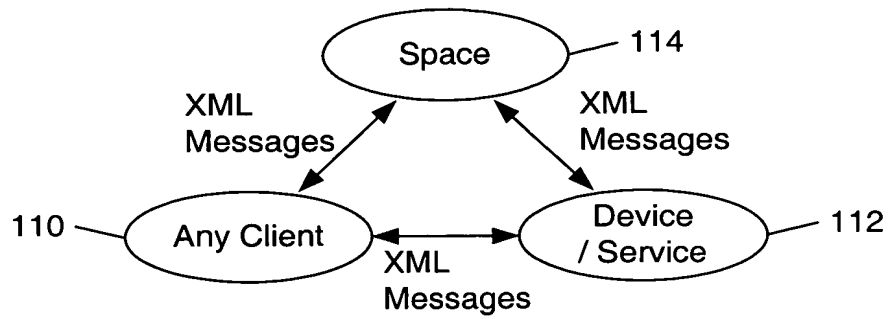


Fig. 6

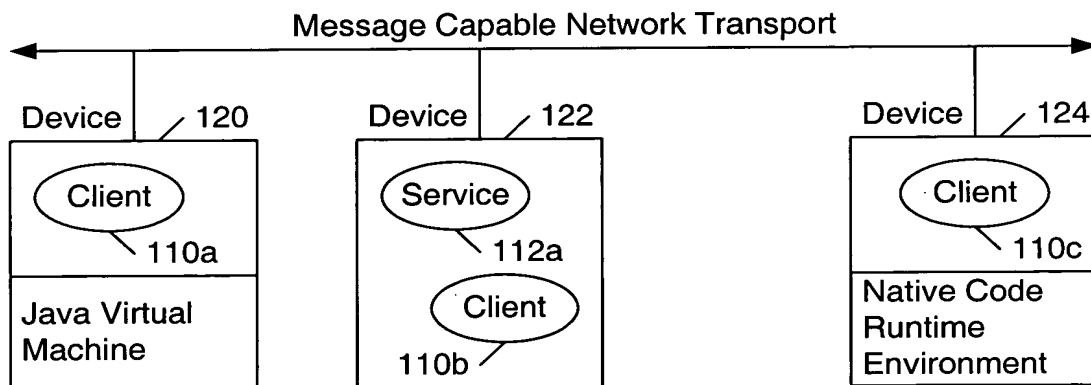


Fig. 7

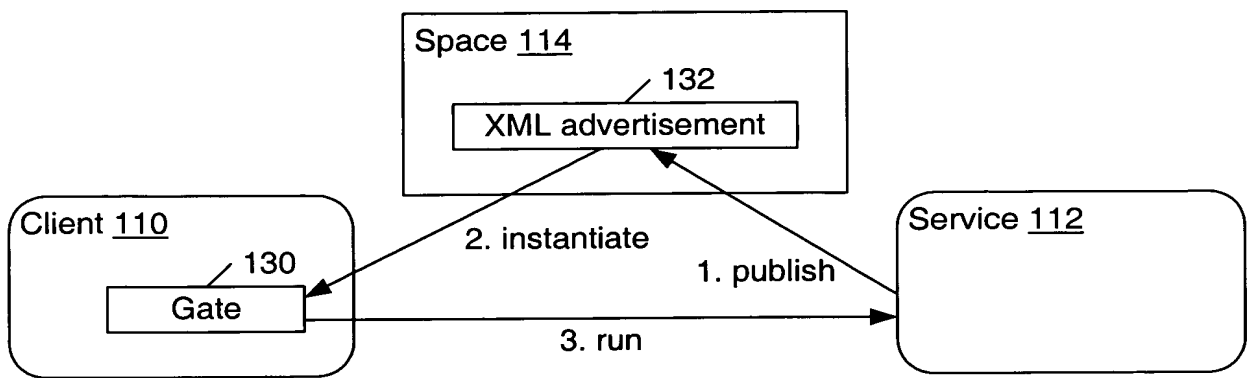


Fig. 8

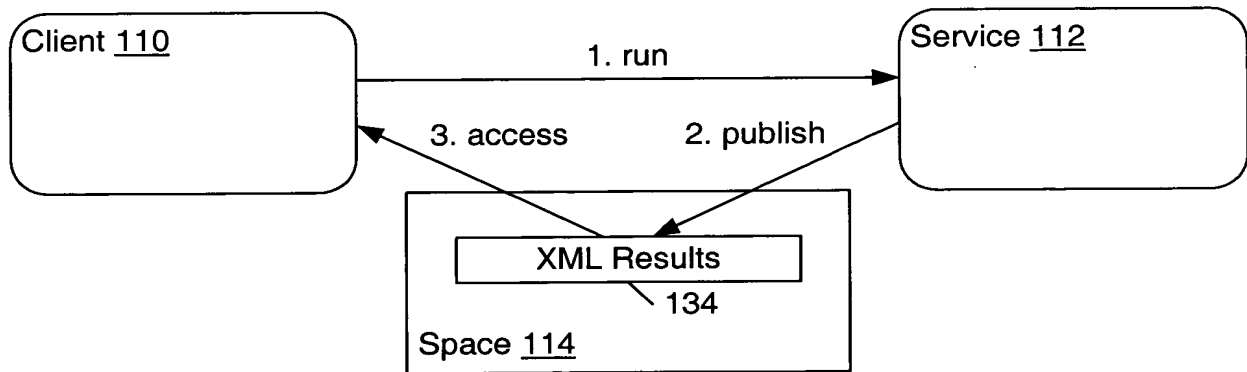


Fig. 9

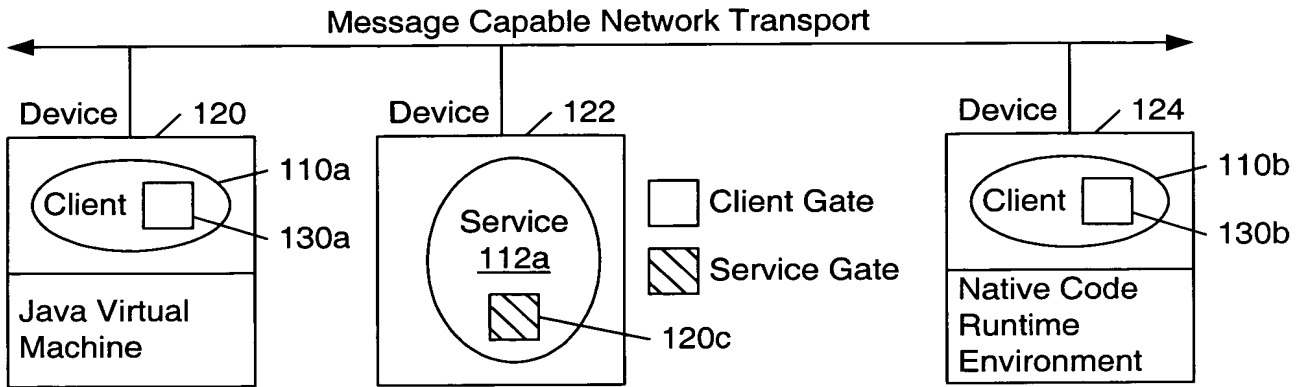


Fig. 10a

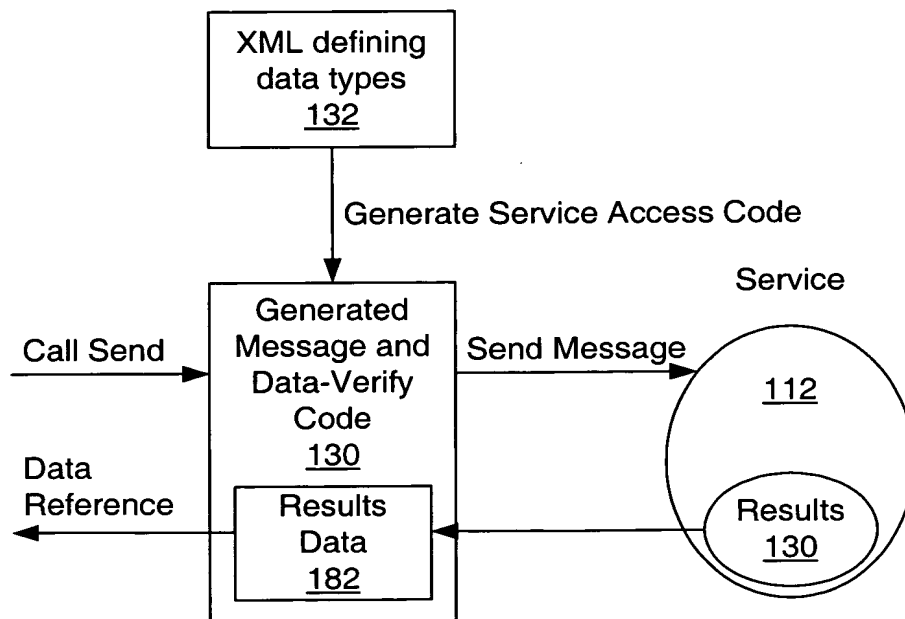


Fig. 10b

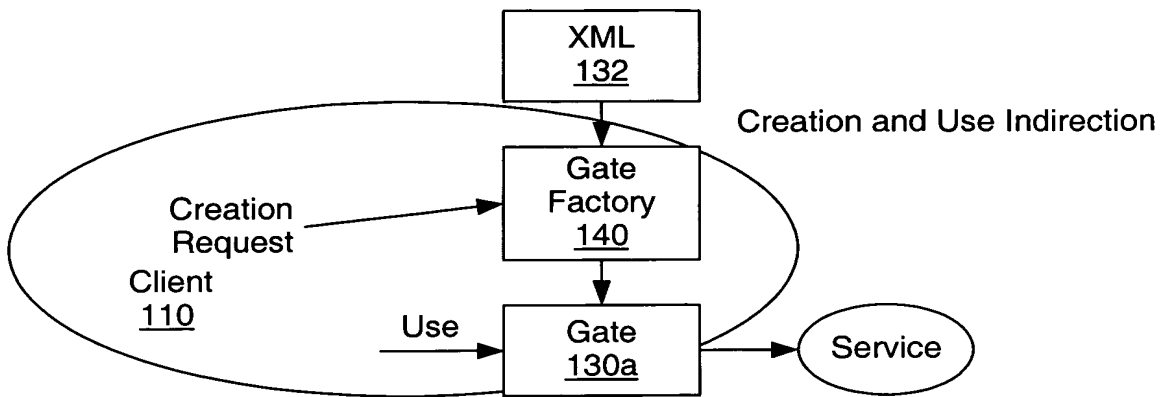


Fig. 11a

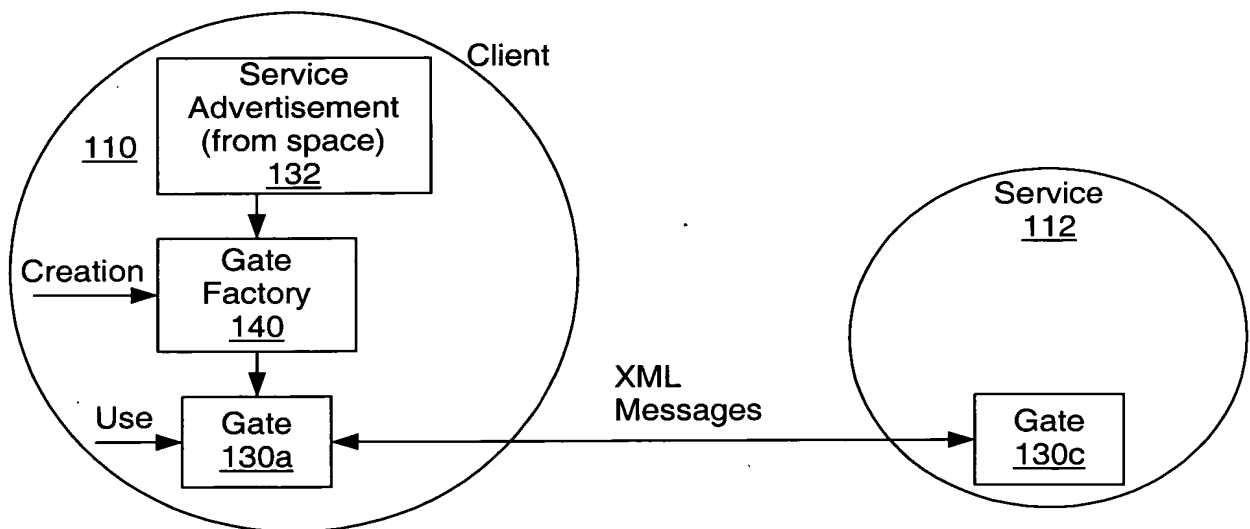


Fig. 11b

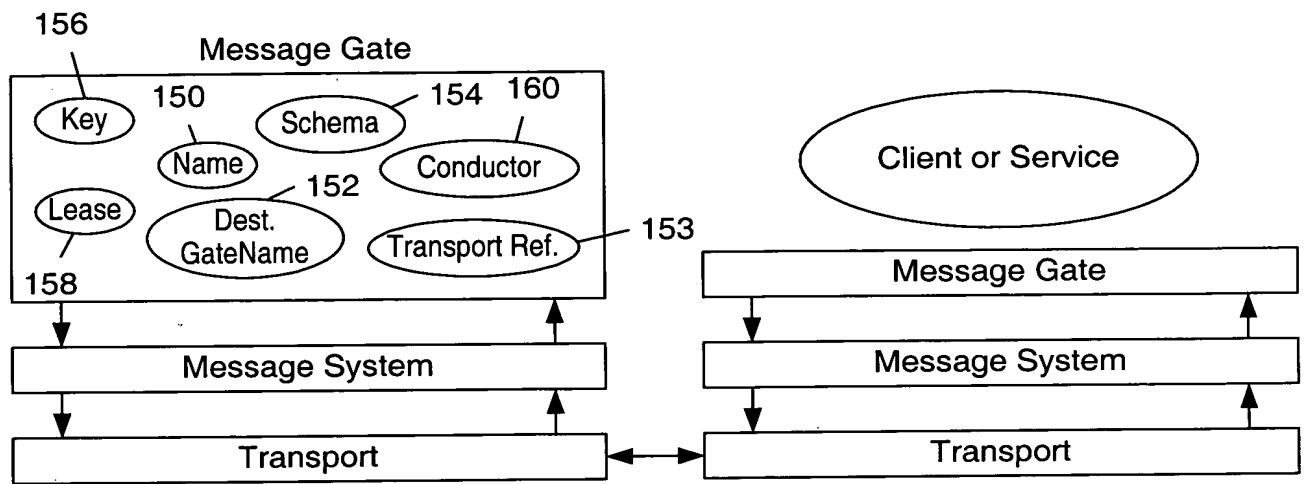


Fig. 12

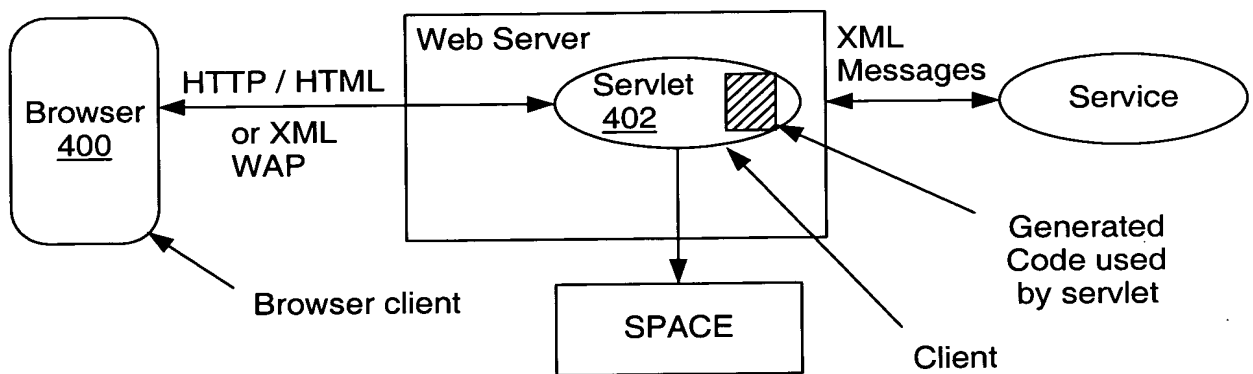


Fig. 13

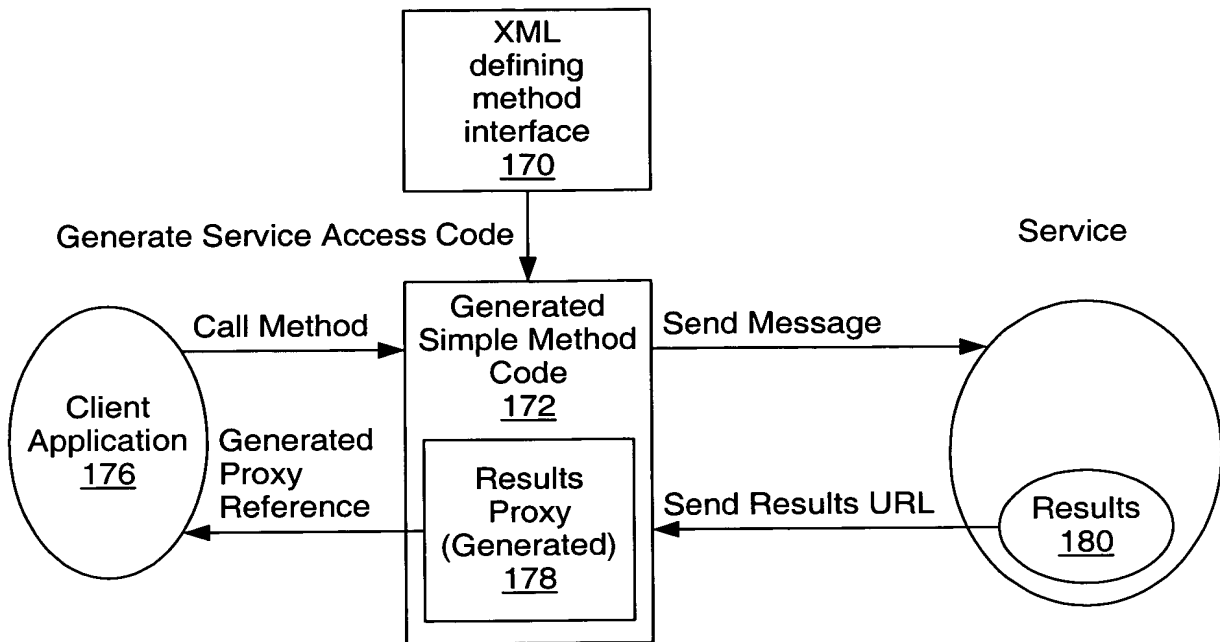


Fig. 14

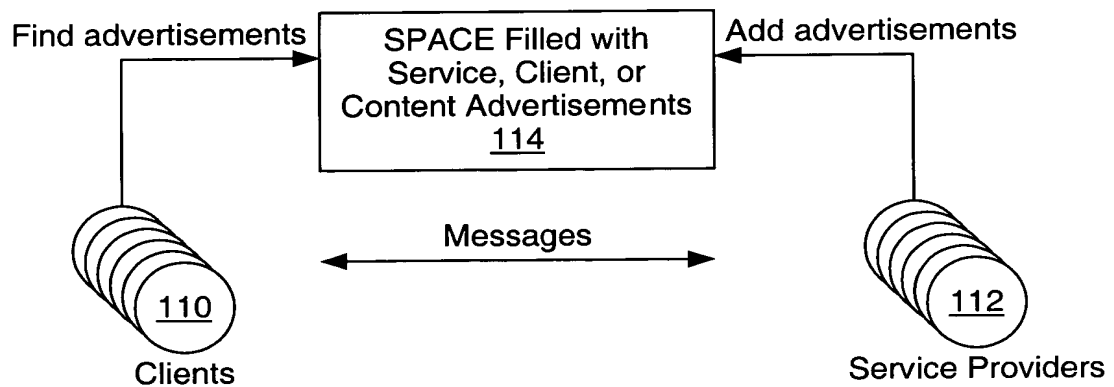


Fig. 15

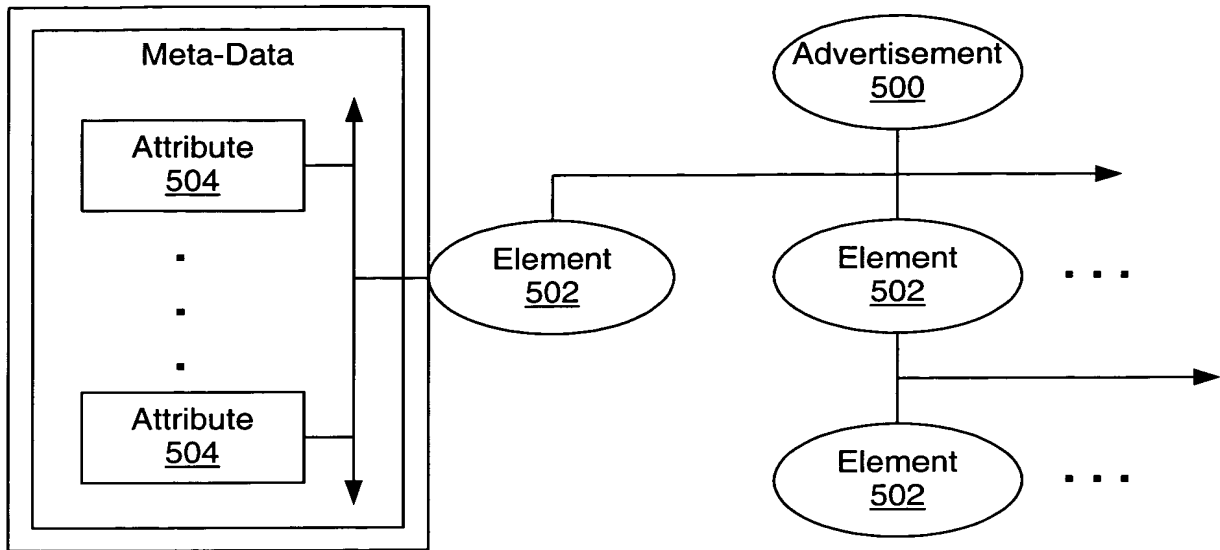


Fig. 16

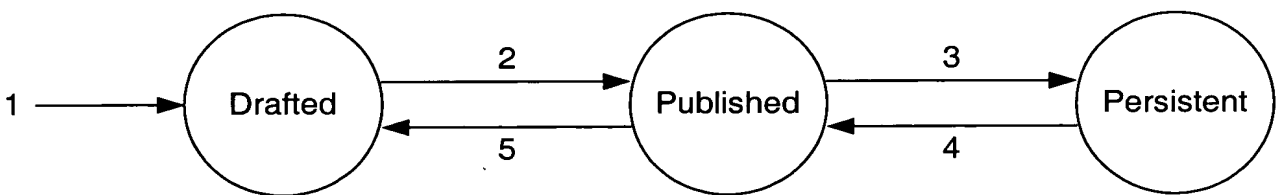


Fig. 17

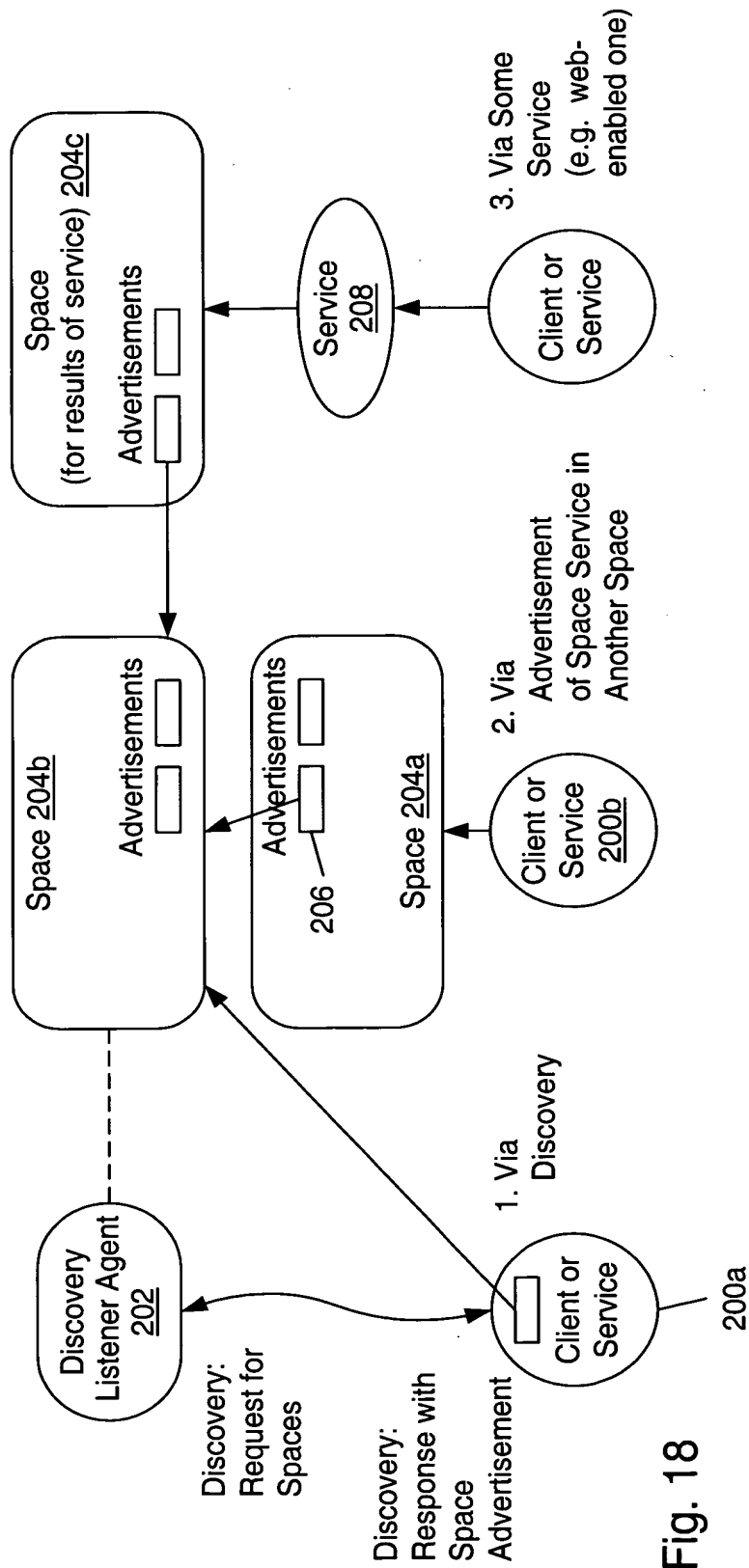


Fig. 18

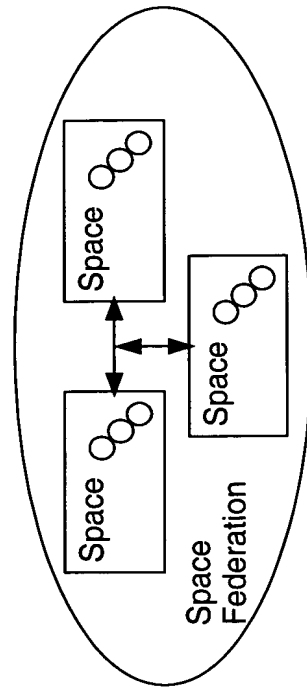


Fig. 19

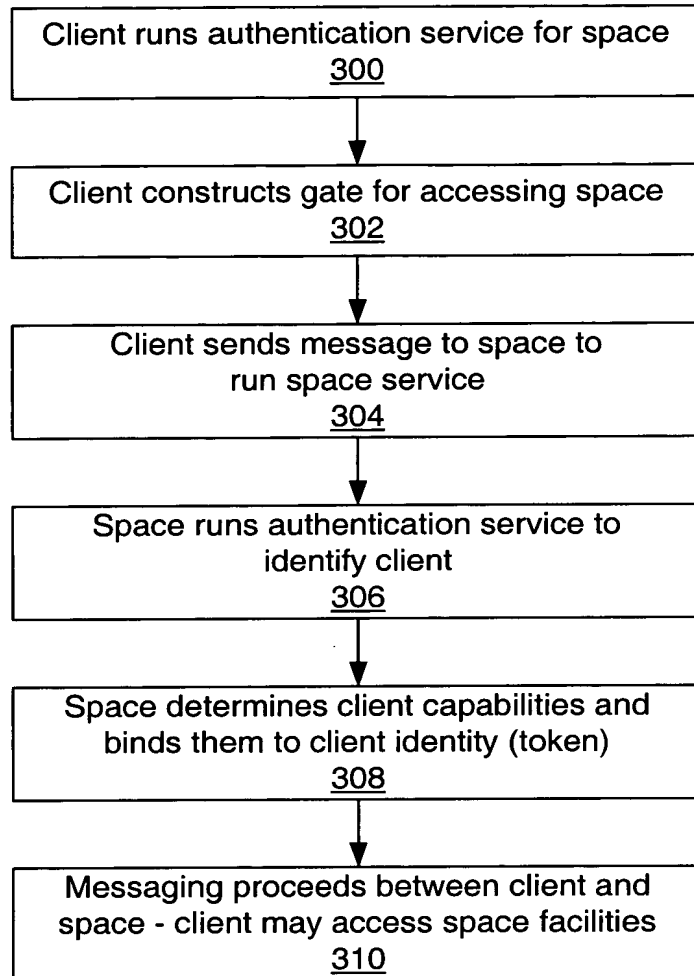


Fig. 20

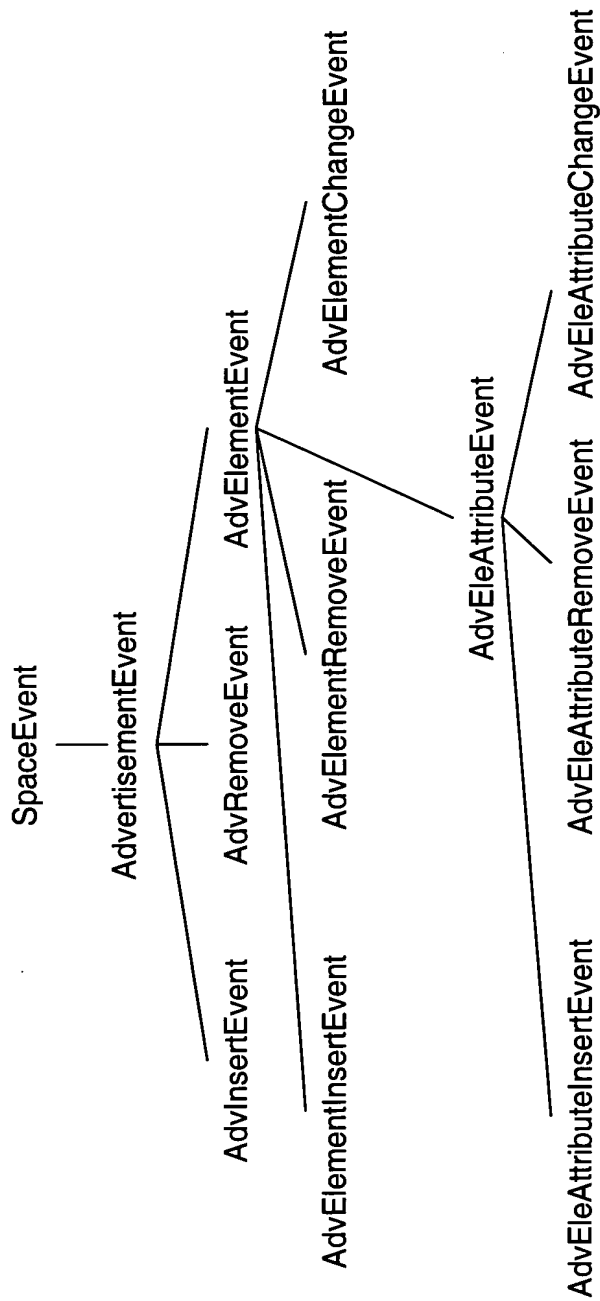


Fig. 21

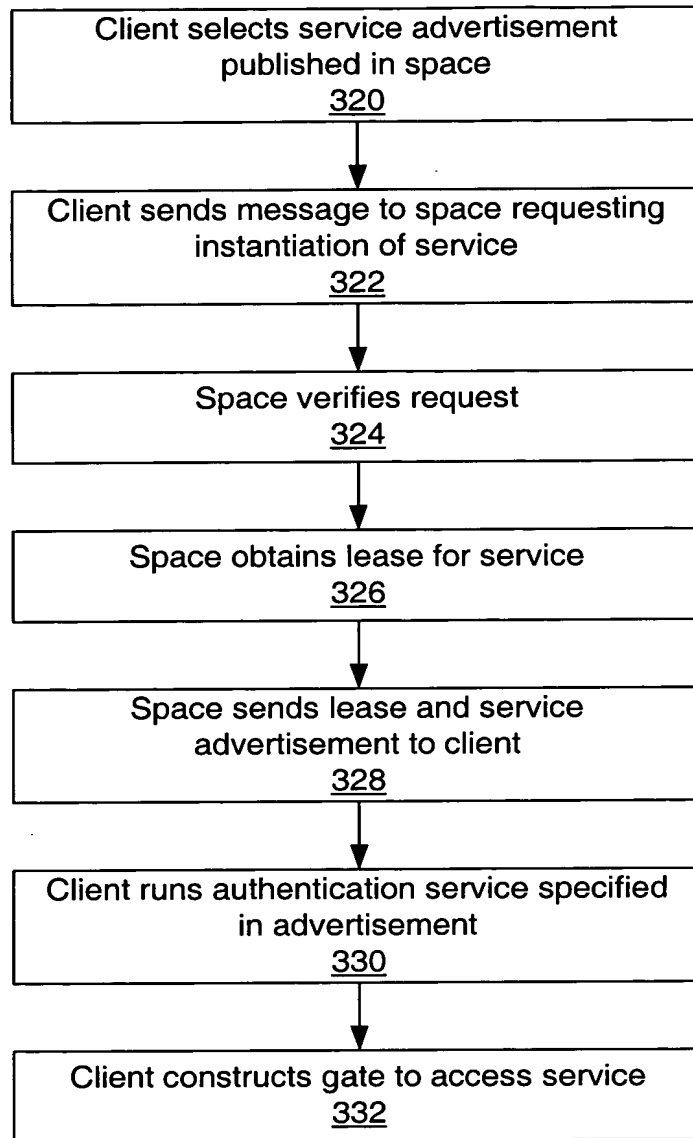


Fig. 22

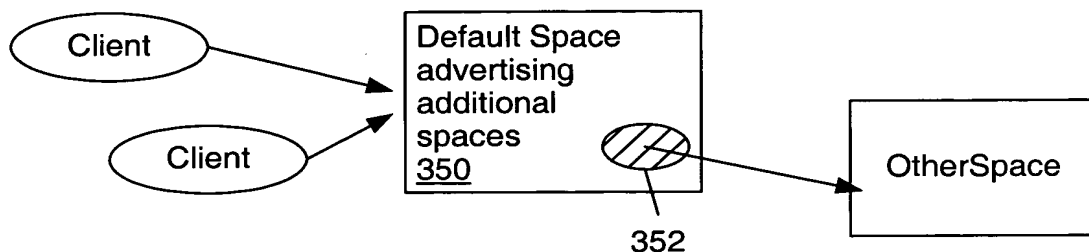


Fig. 23

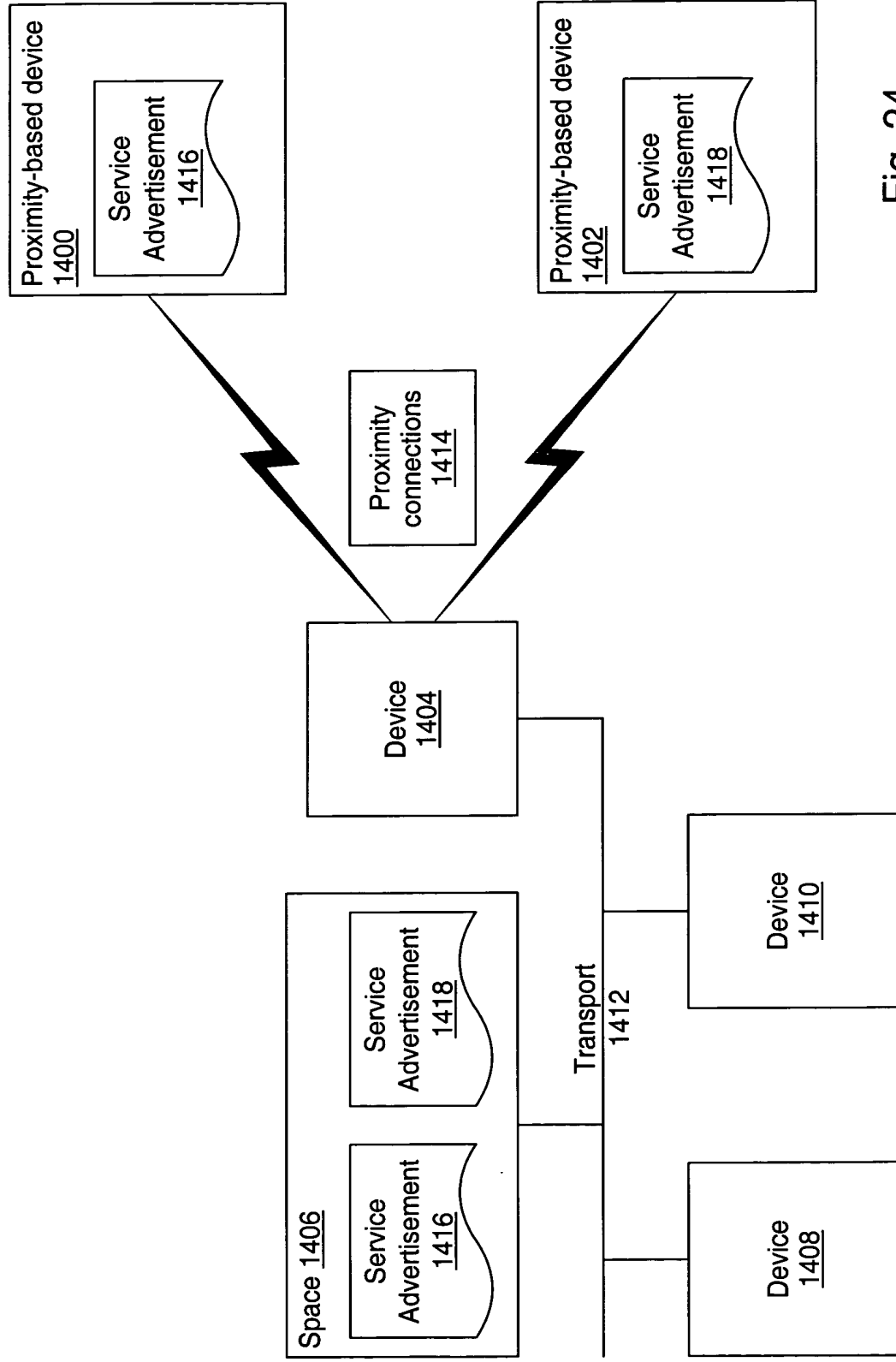


Fig. 24

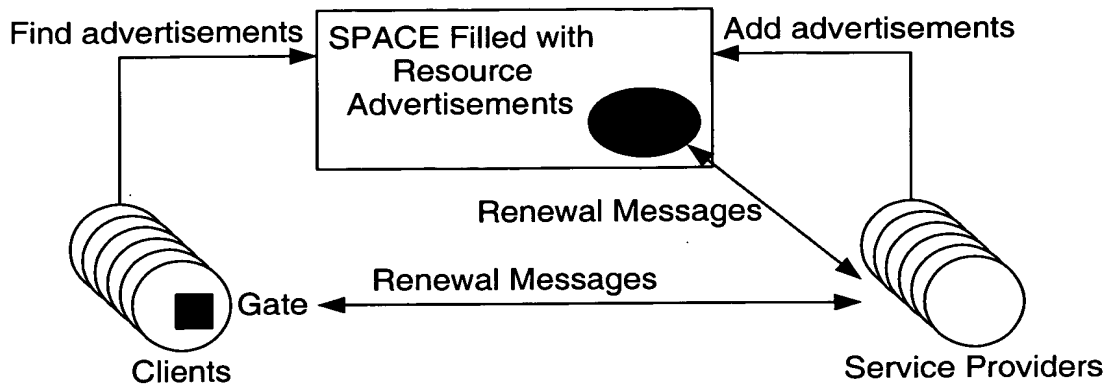


Fig. 25

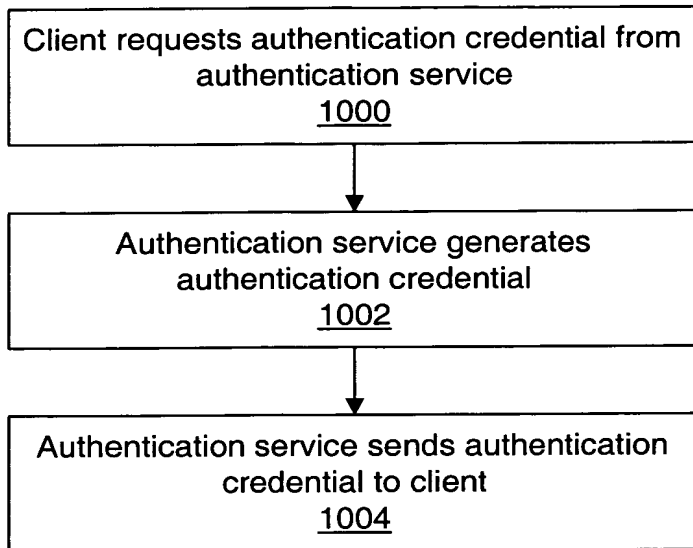


FIG. 26a

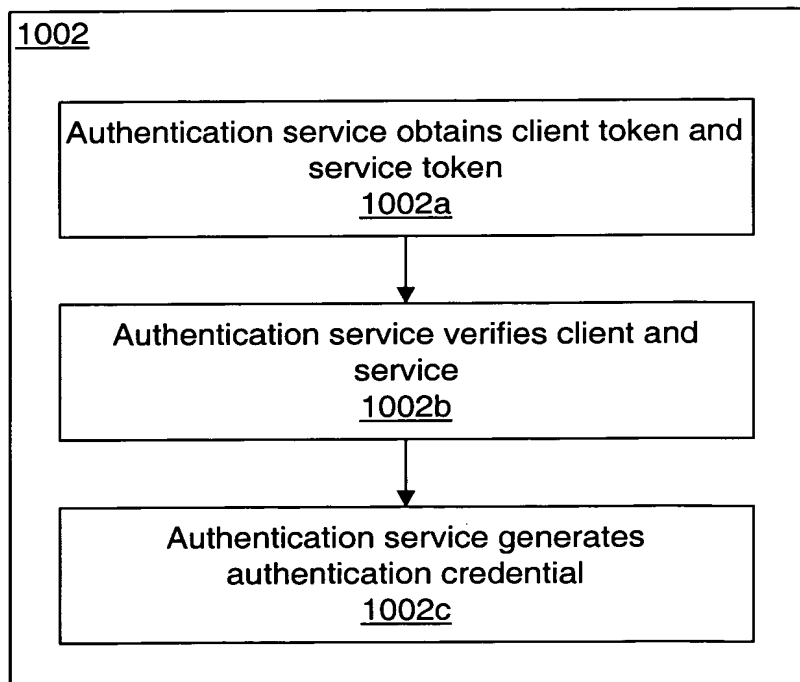


FIG. 26b

FIG. 27 is a block diagram of a system 1200. The system 1200 includes a Space 1200, a Bridging Mechanism 1202, and a group of components 1204. The Space 1200 includes three Service Advertisements: 1206a, 1206b, and 1206c. The Bridging Mechanism 1202 is connected to the Space 1200 and the group of components 1204. The group of components 1204 includes USB, 1394, SLP, Jini, and Bluetooth.

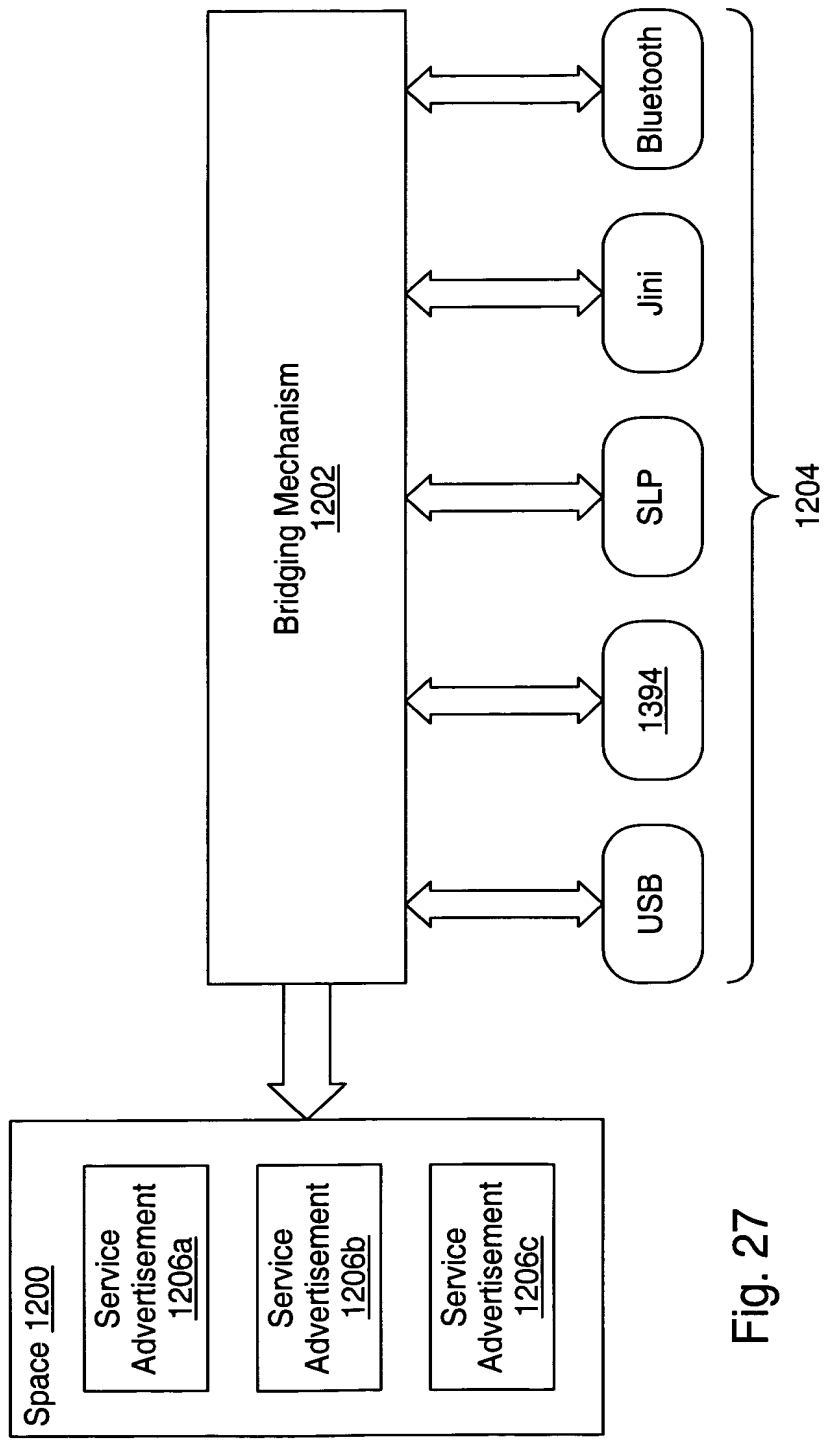


Fig. 27

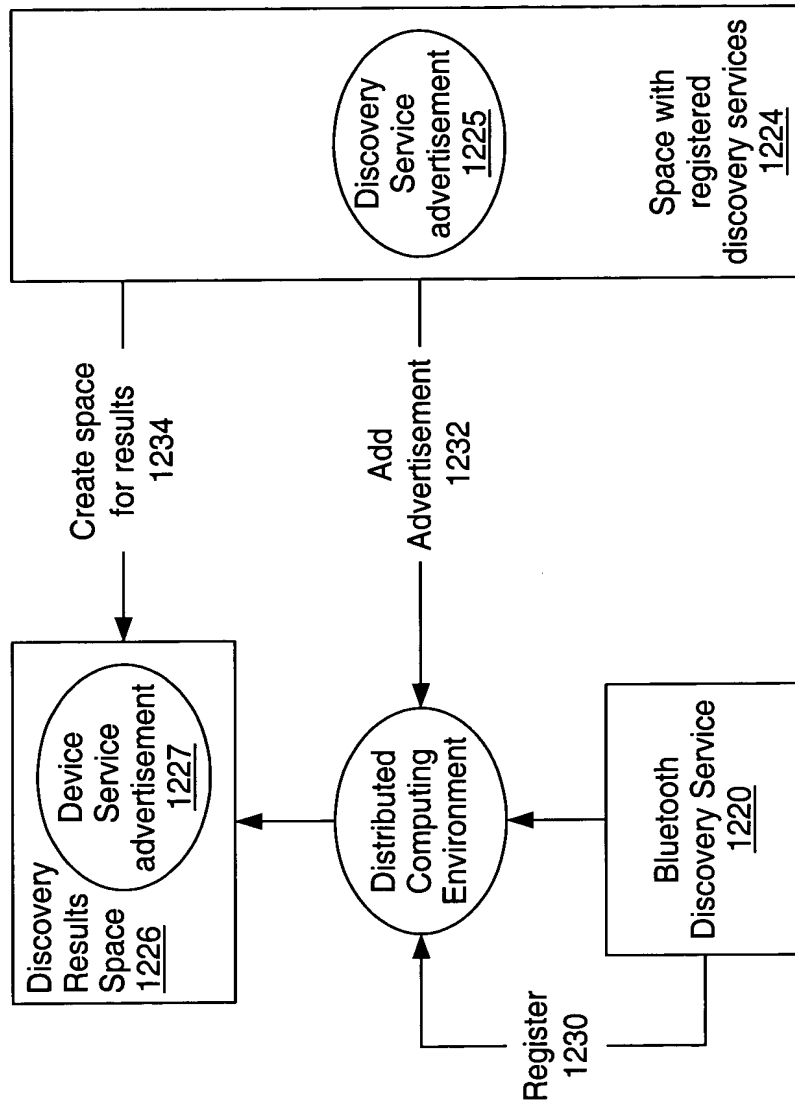


Fig. 28

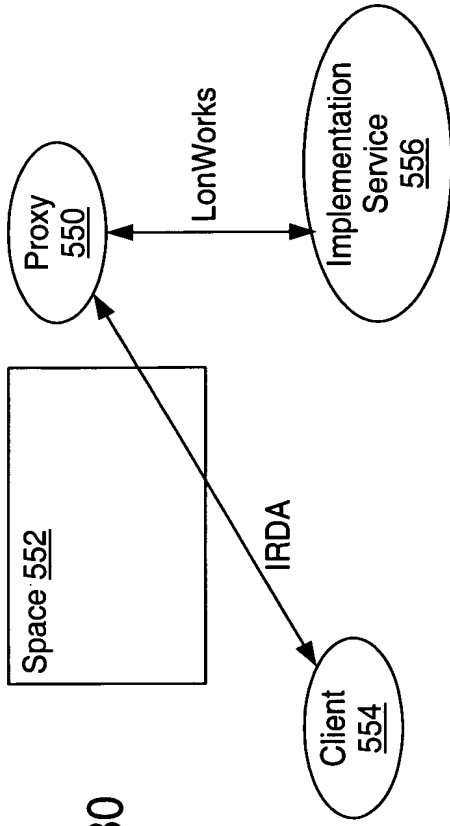


Fig. 30

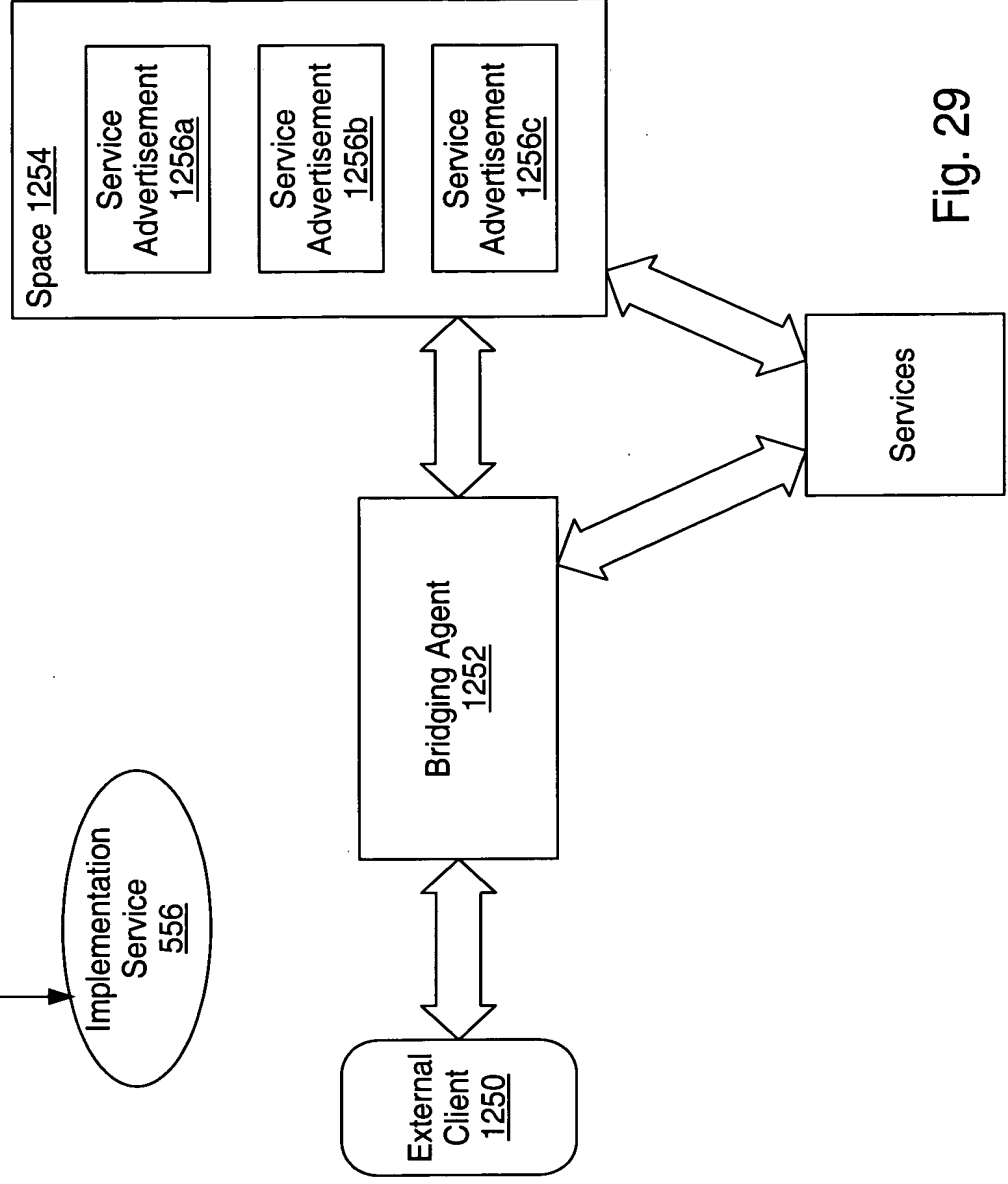


Fig. 29

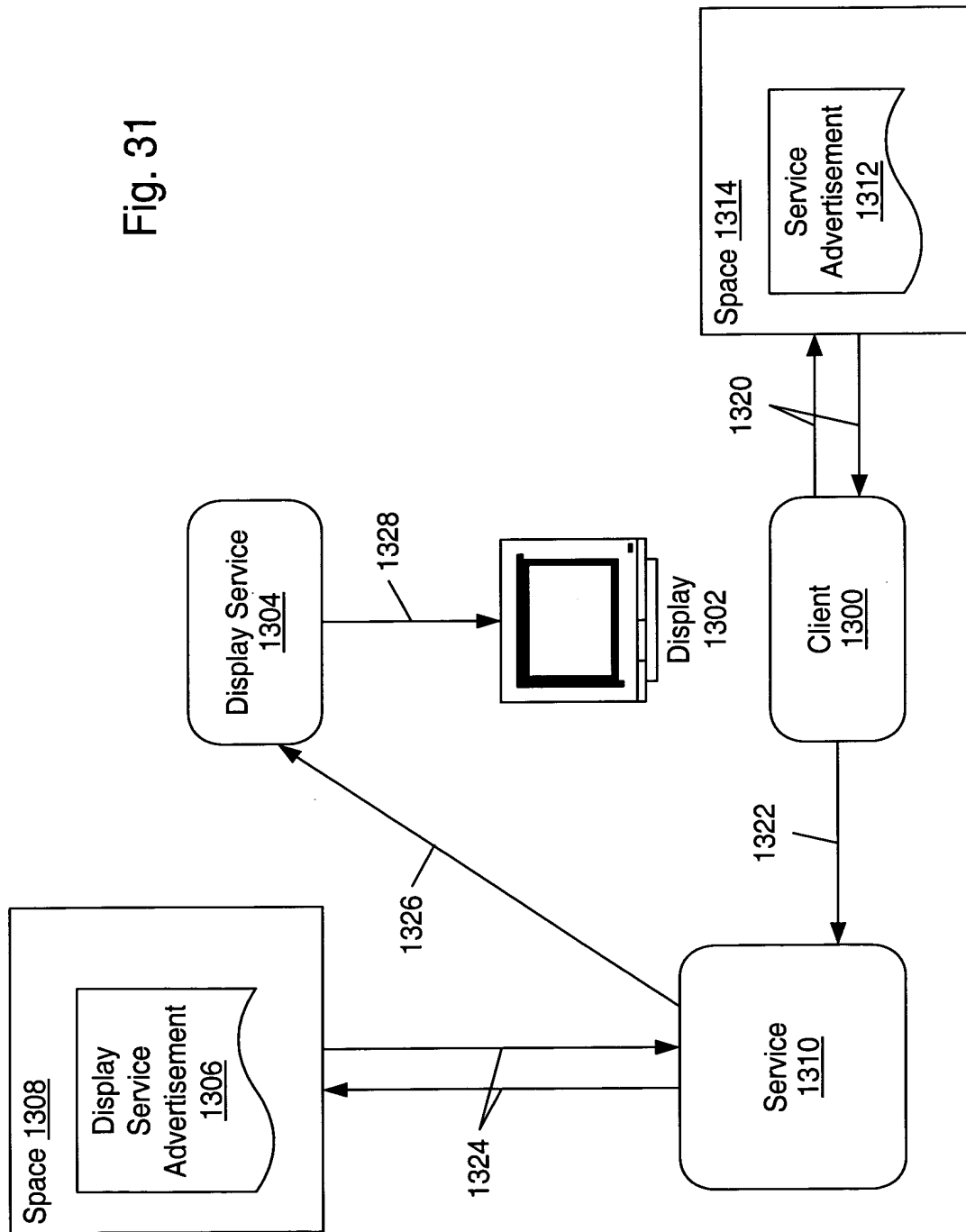


Fig. 31

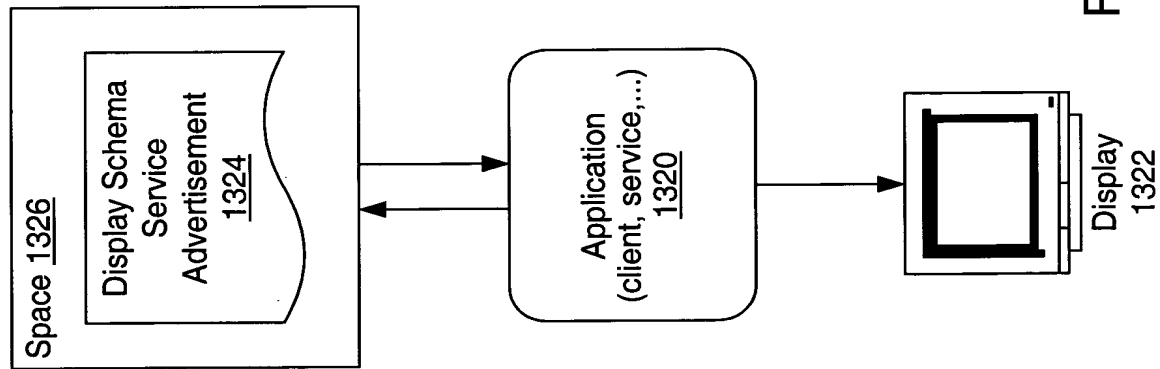


Fig. 32A

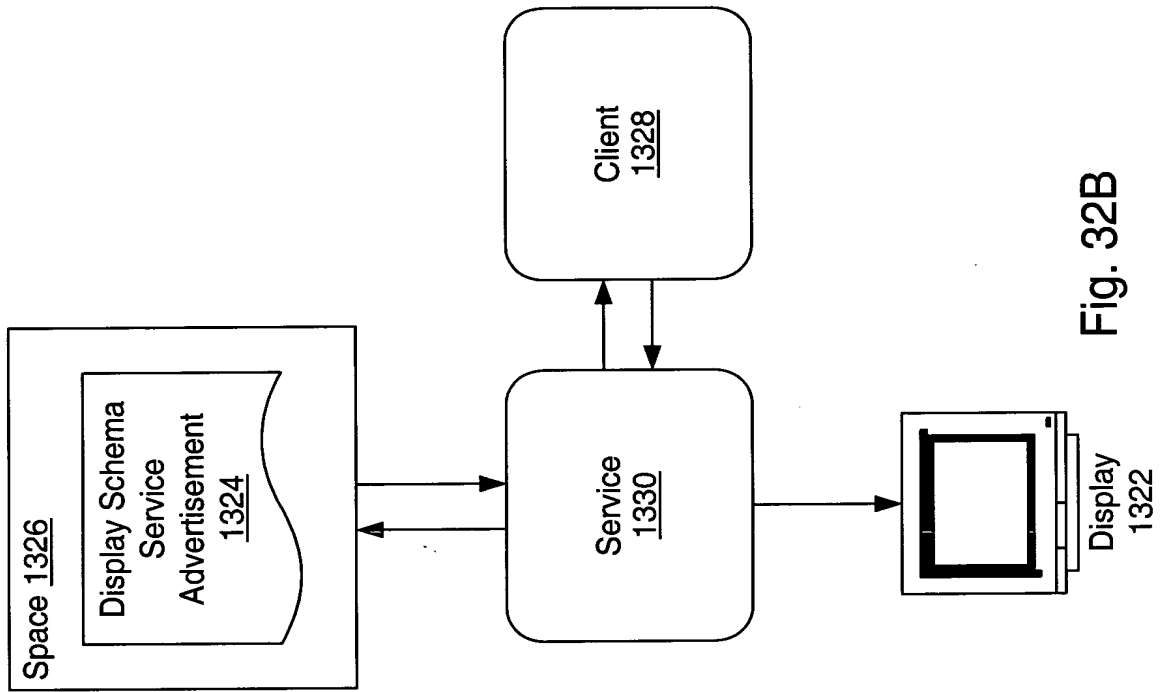
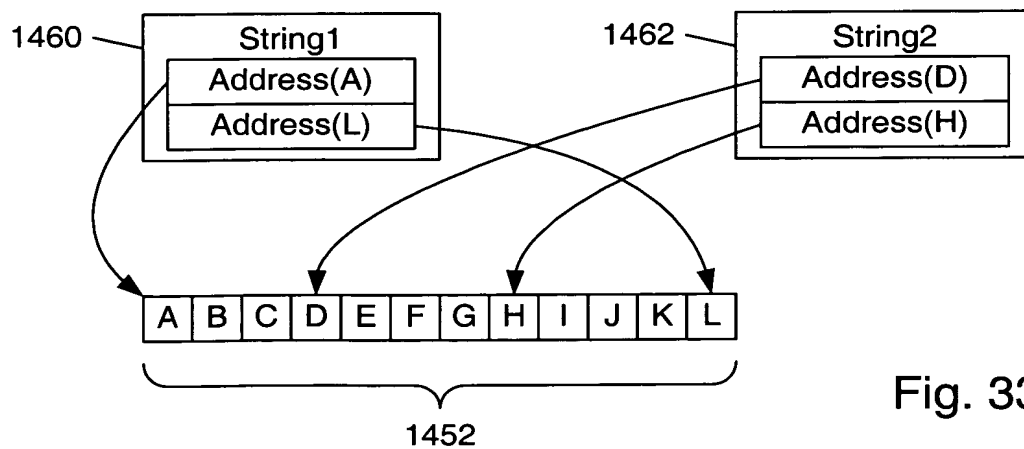
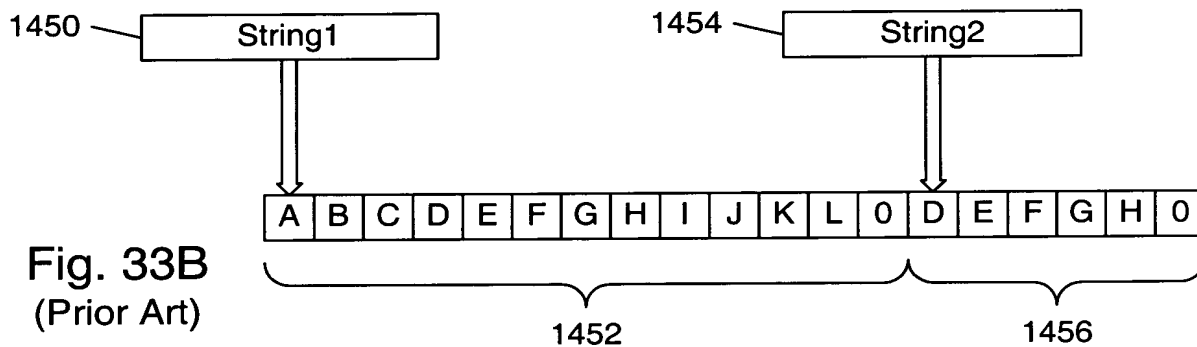
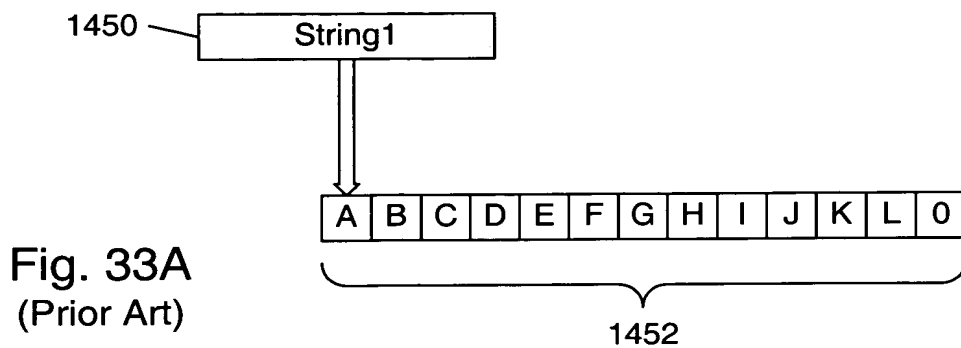


Fig. 32B



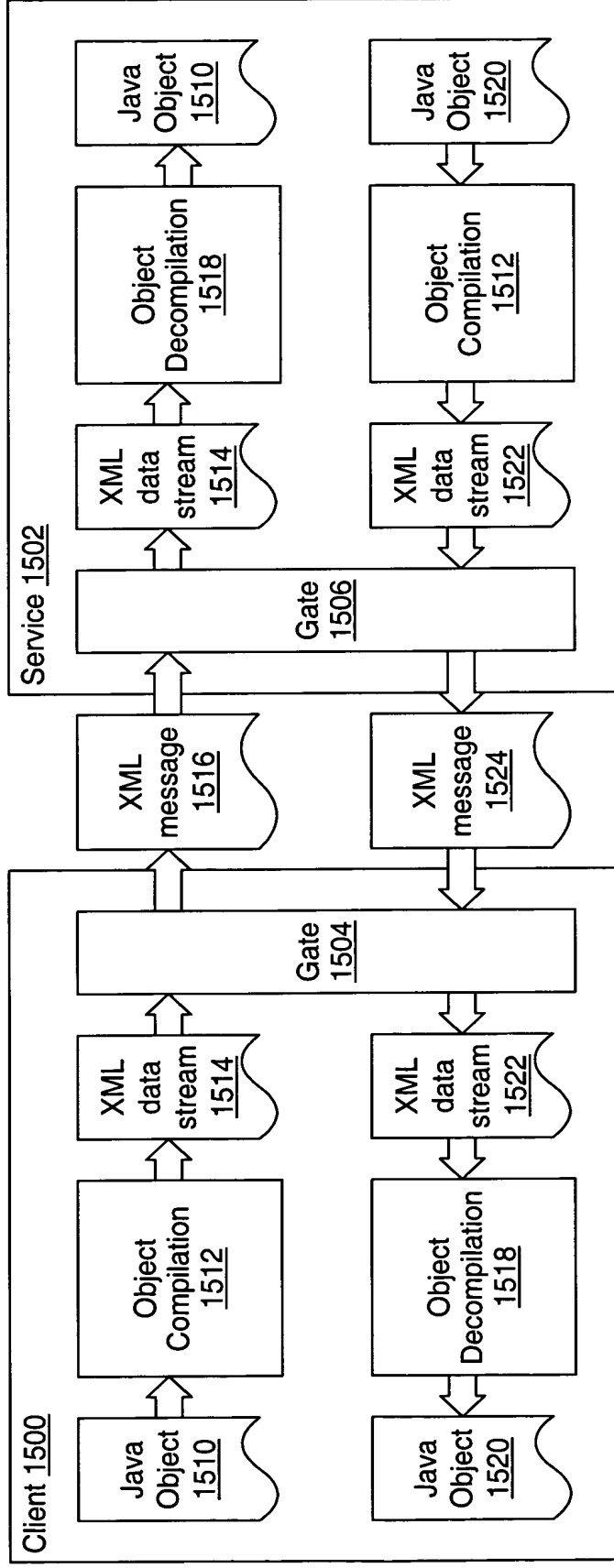


Fig. 34

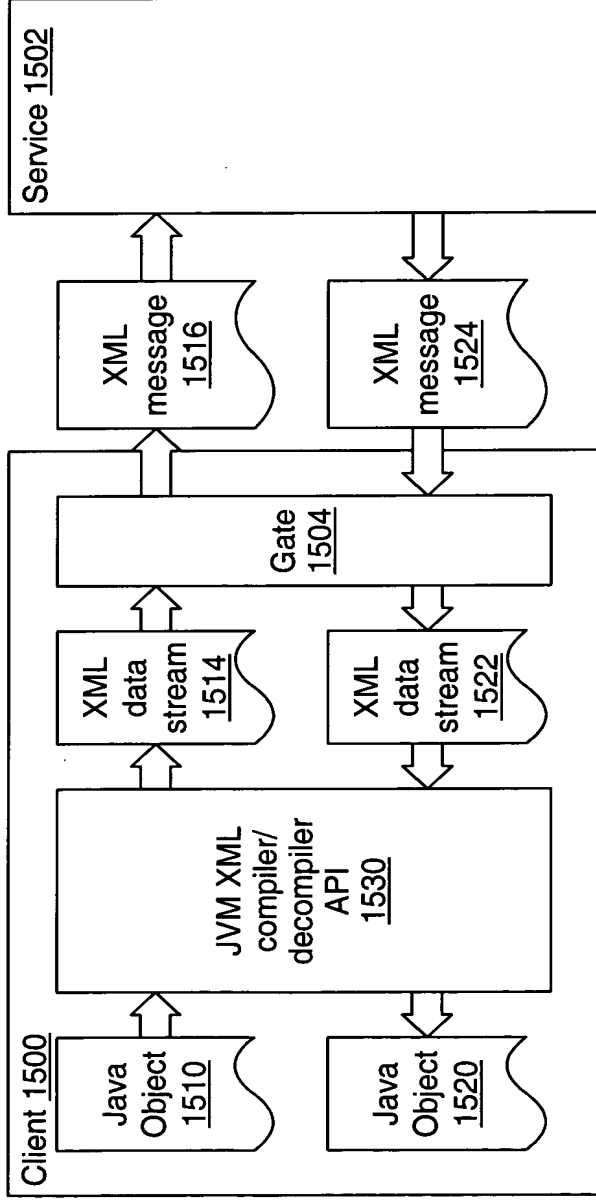


Fig. 35a

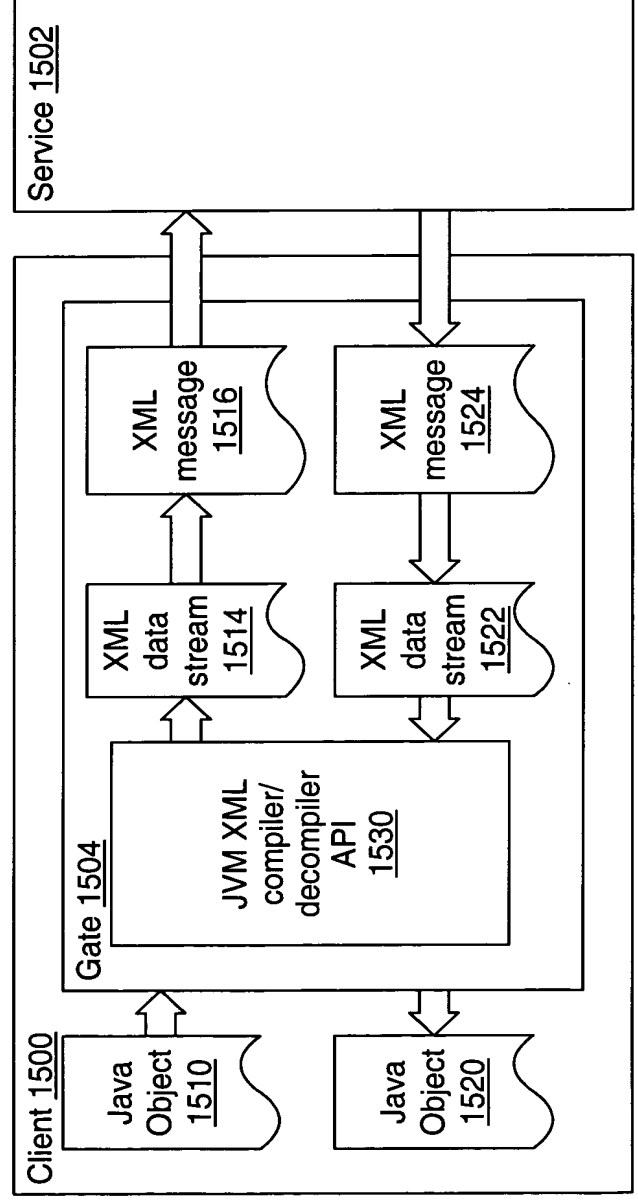


Fig. 35b

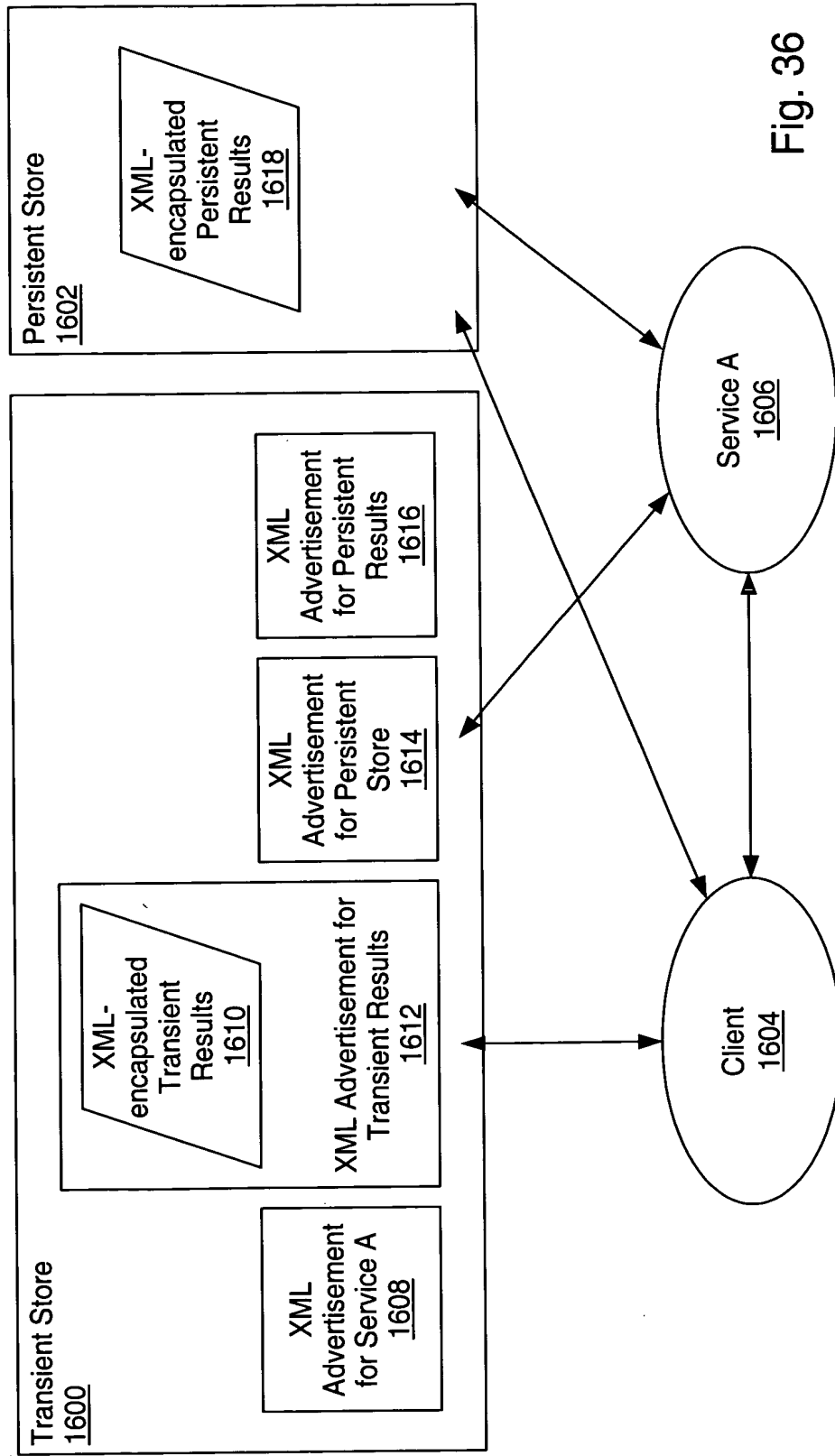


Fig. 36

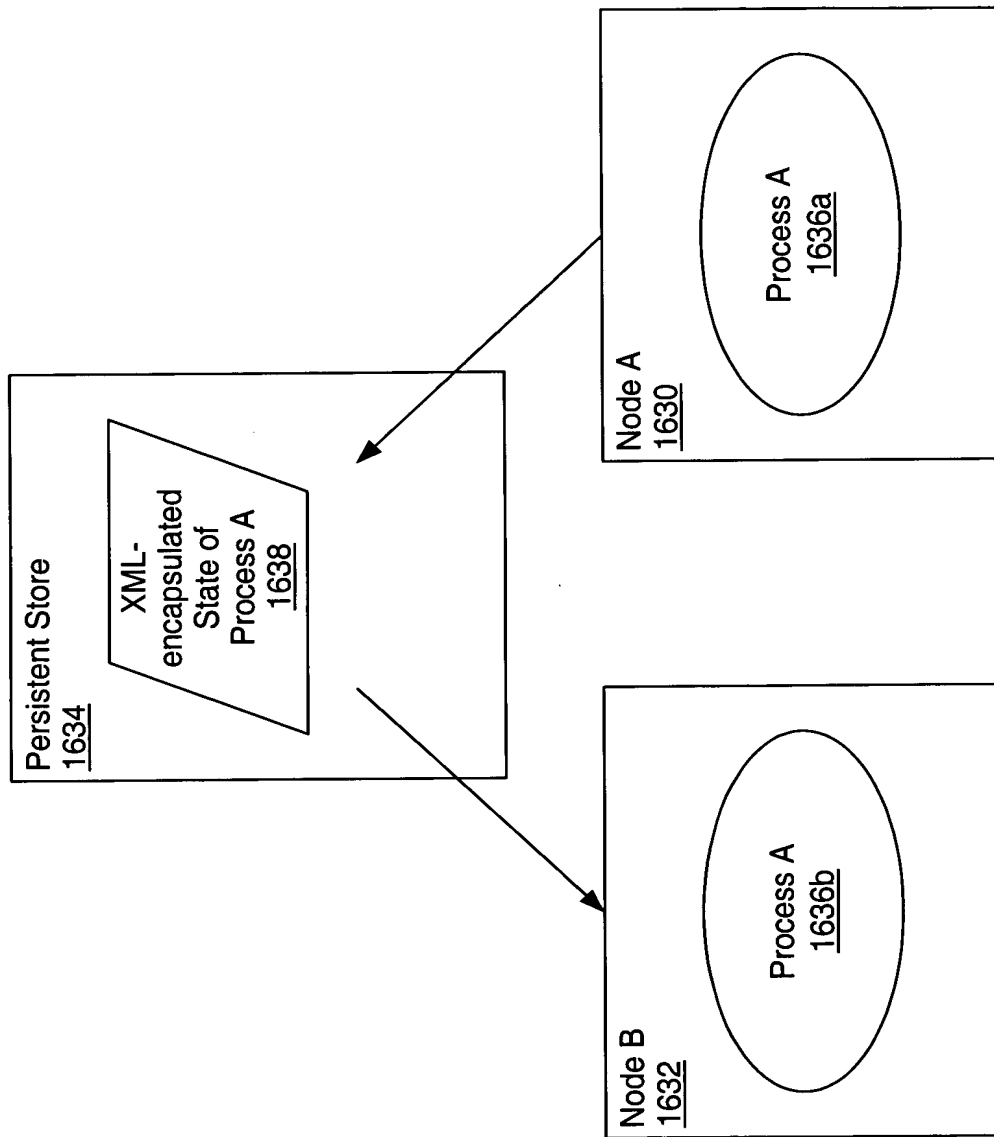


Fig. 37

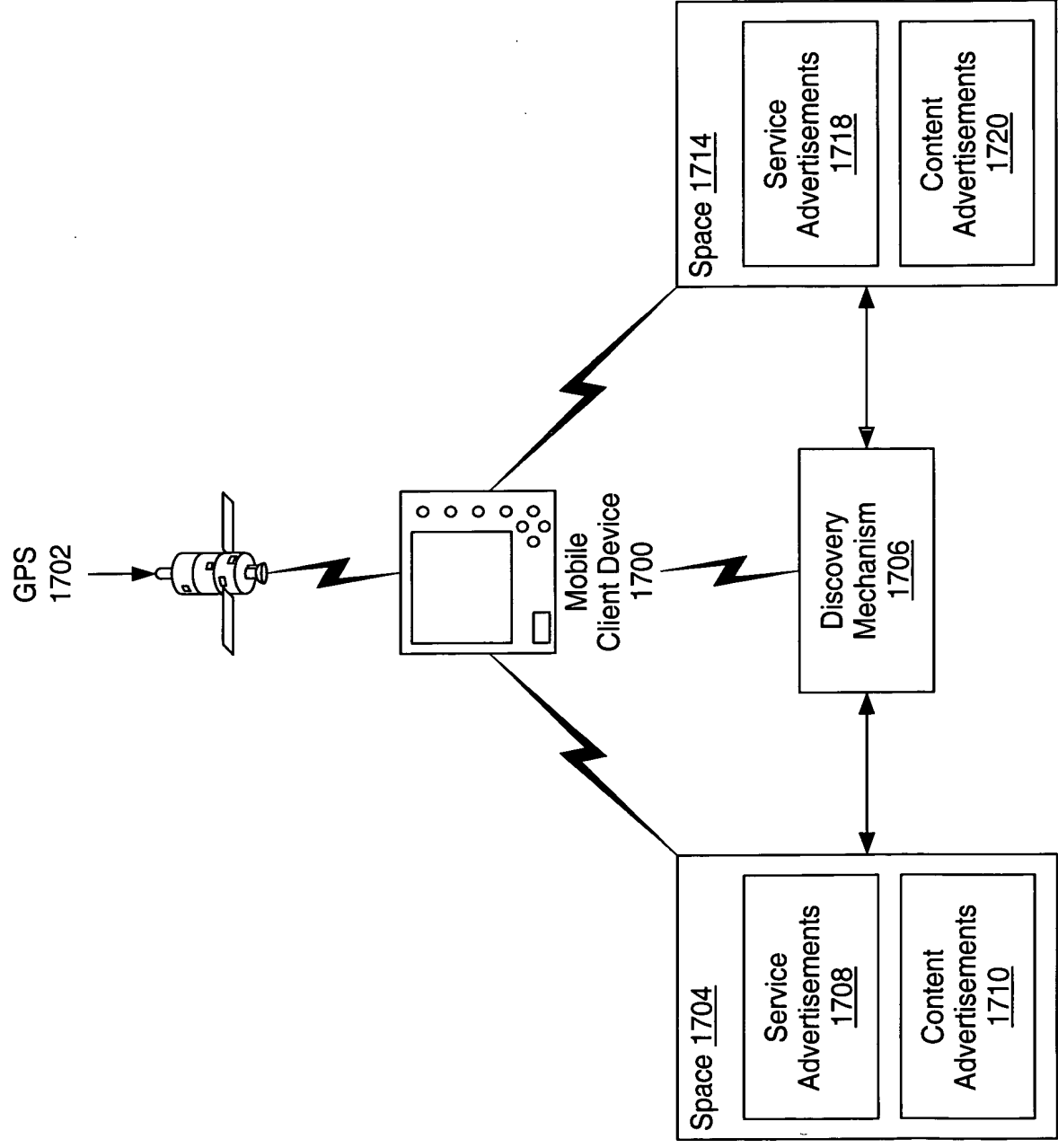


Fig. 38

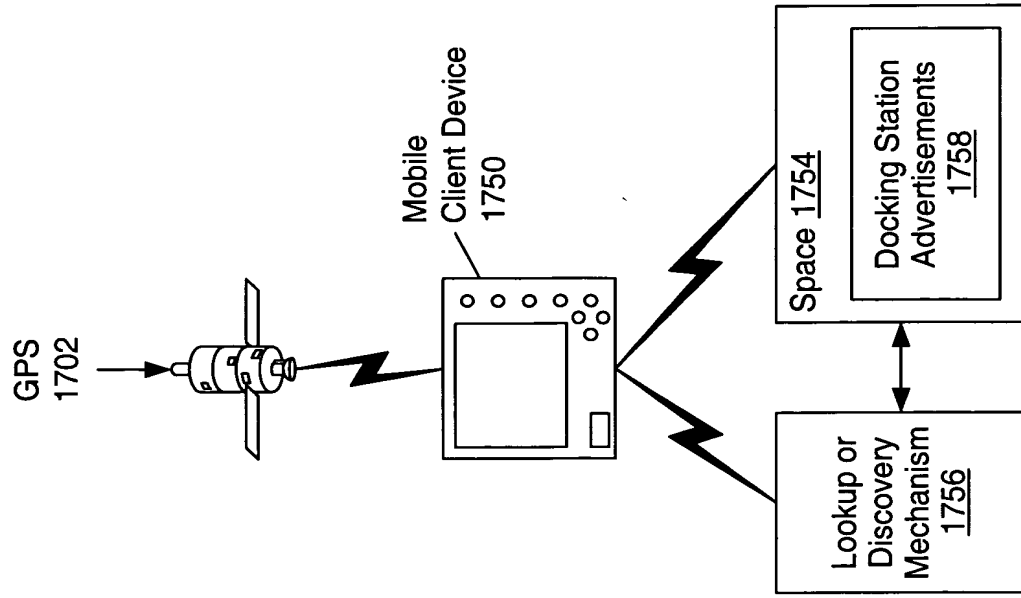


Fig. 39a

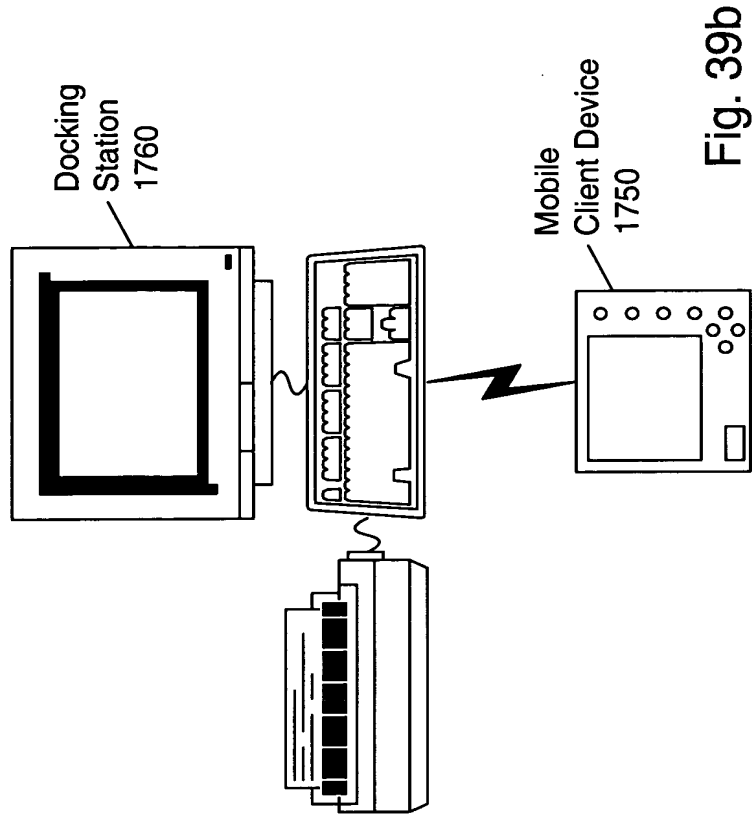


Fig. 39b

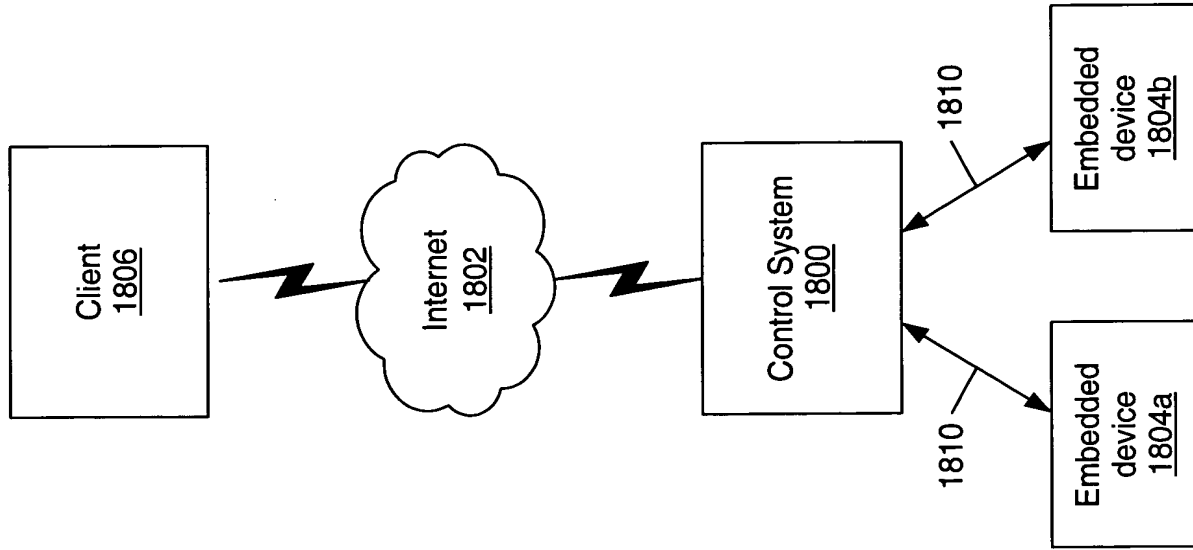


Fig. 40a

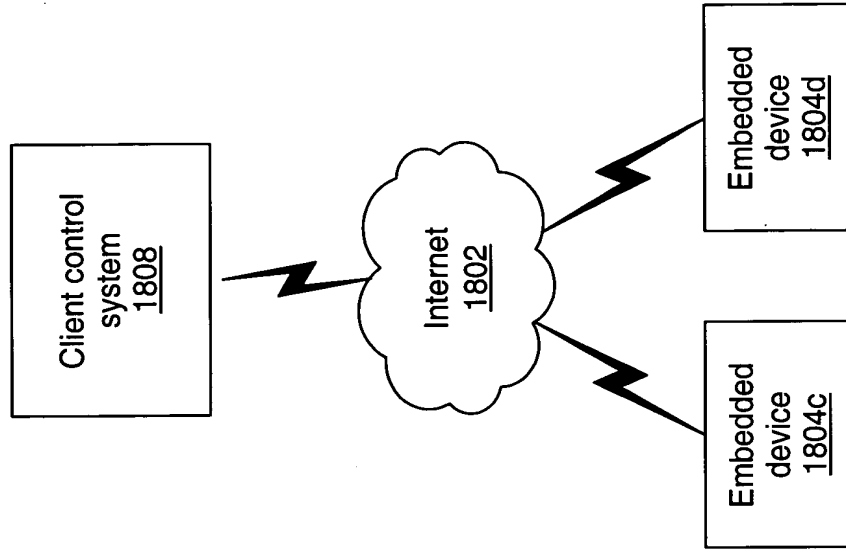


Fig. 40b

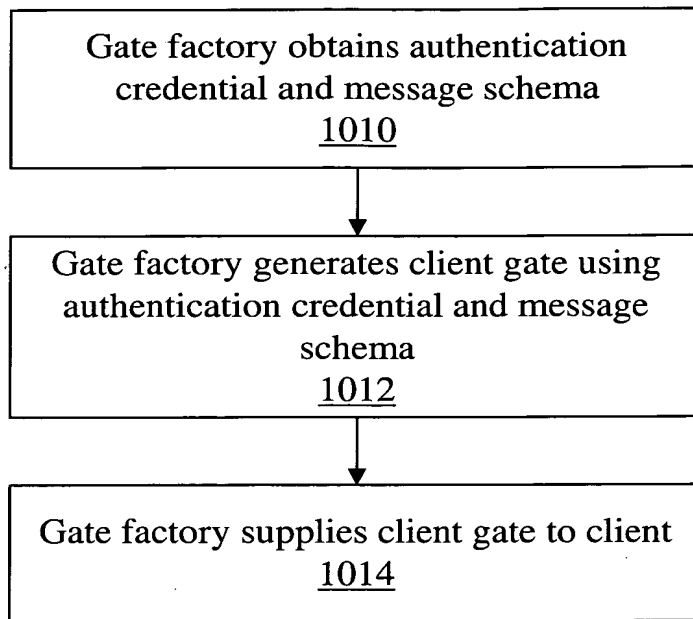


FIG. 41

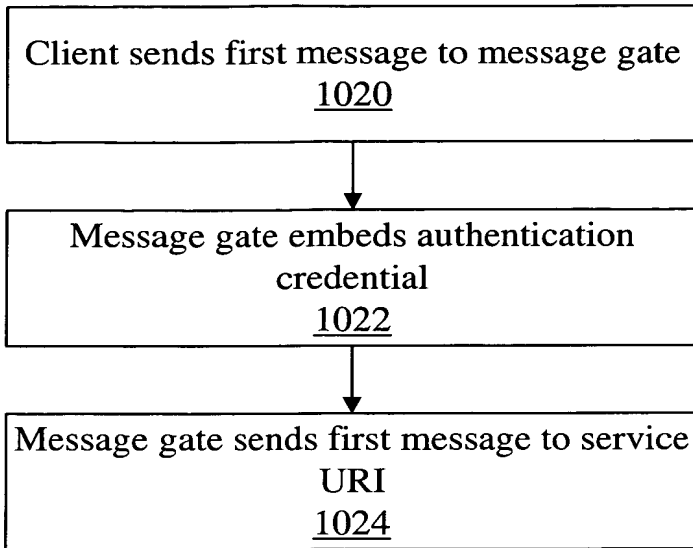


FIG. 42a

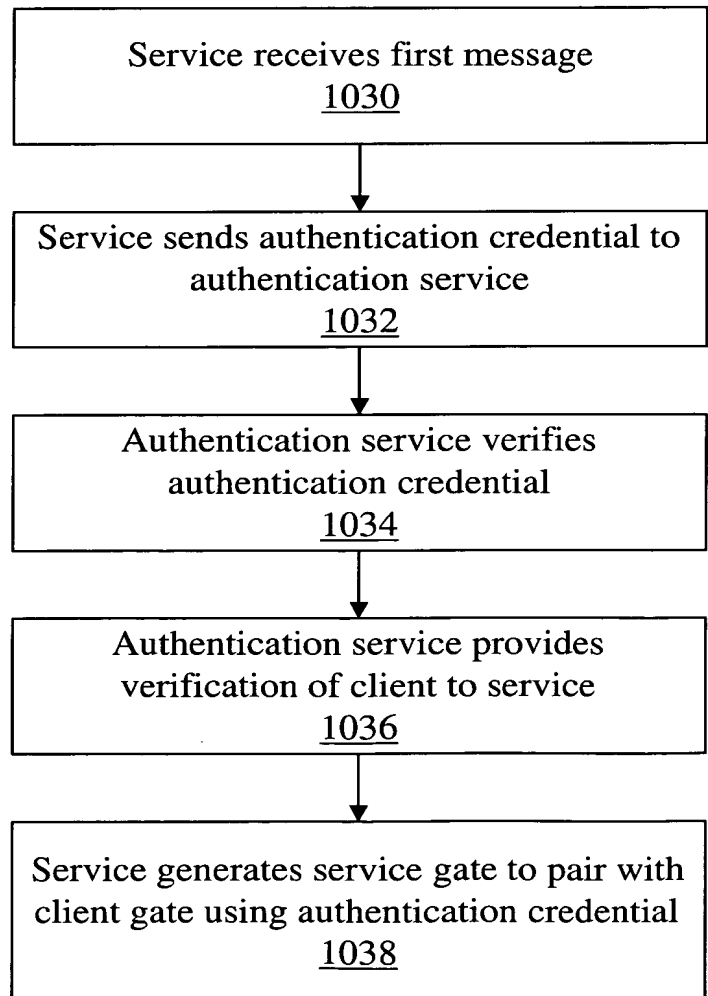


FIG. 42b

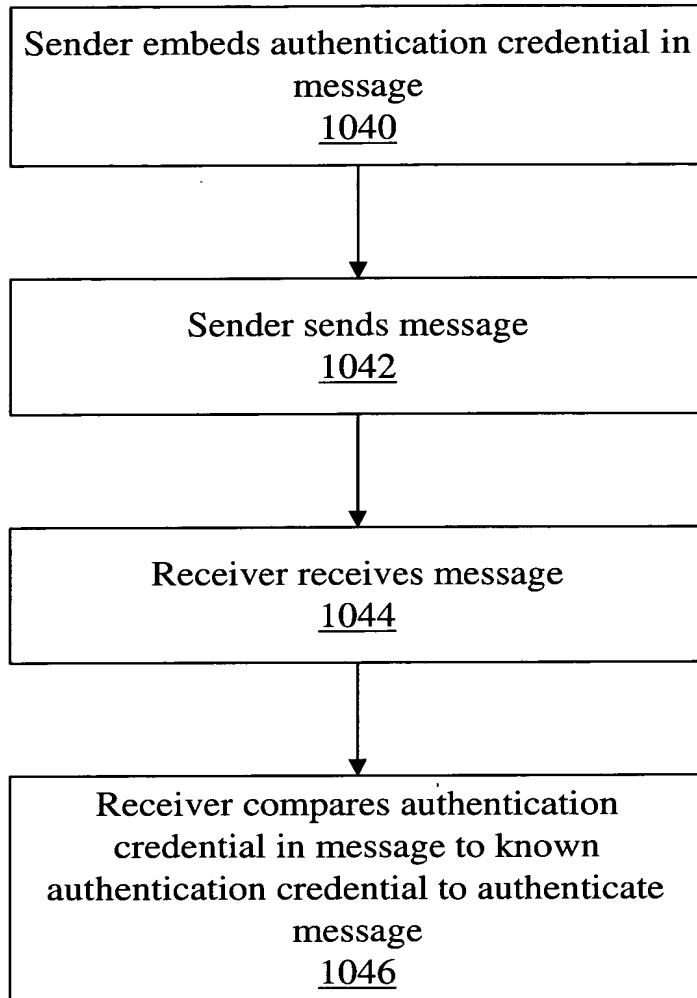


FIG. 42c

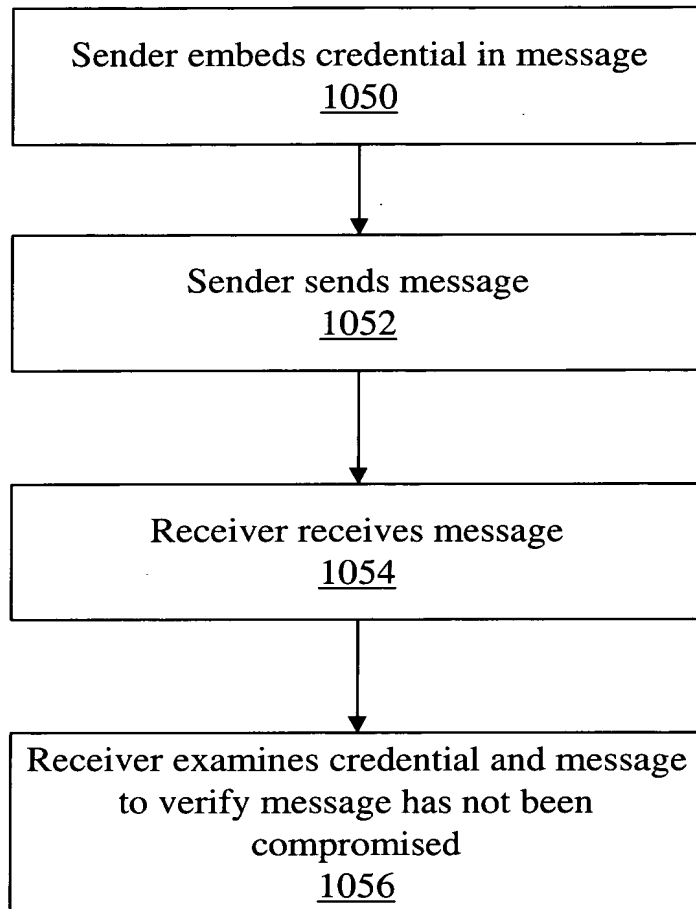


FIG. 43

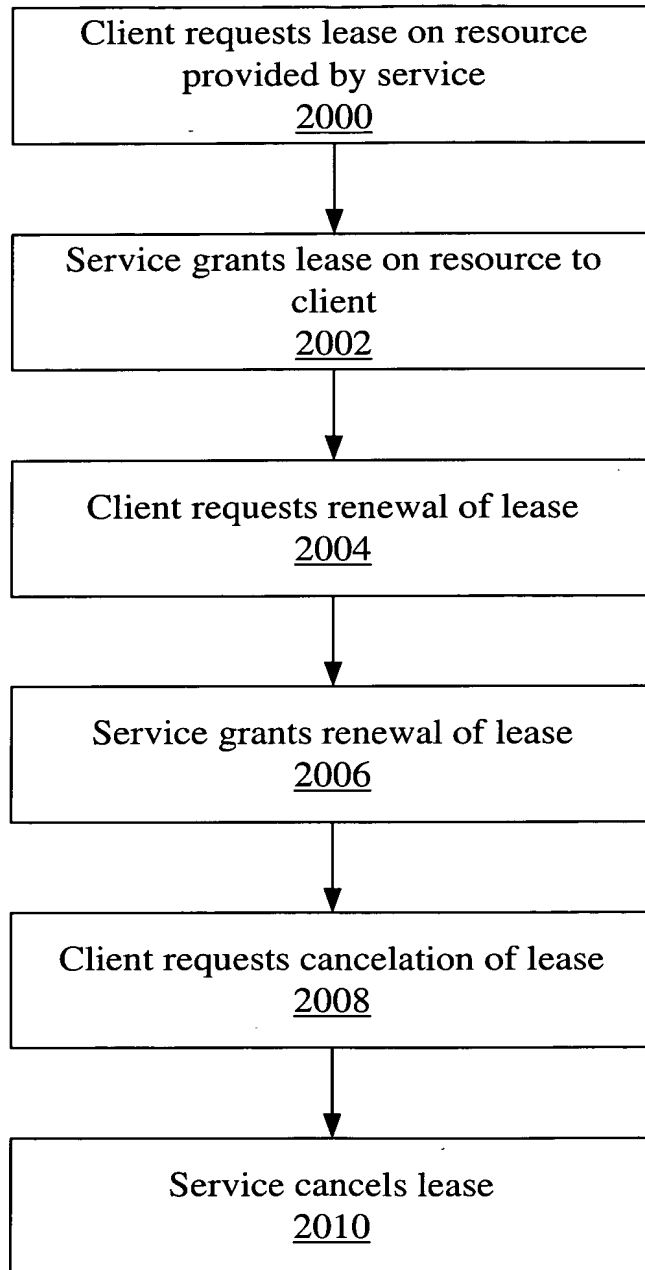


FIG. 44

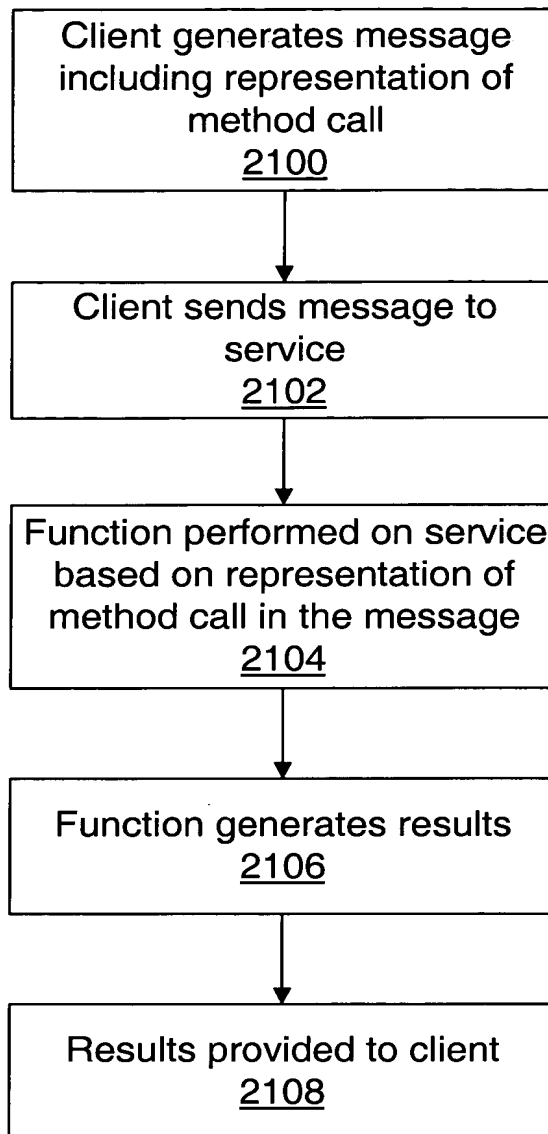


Figure 45a

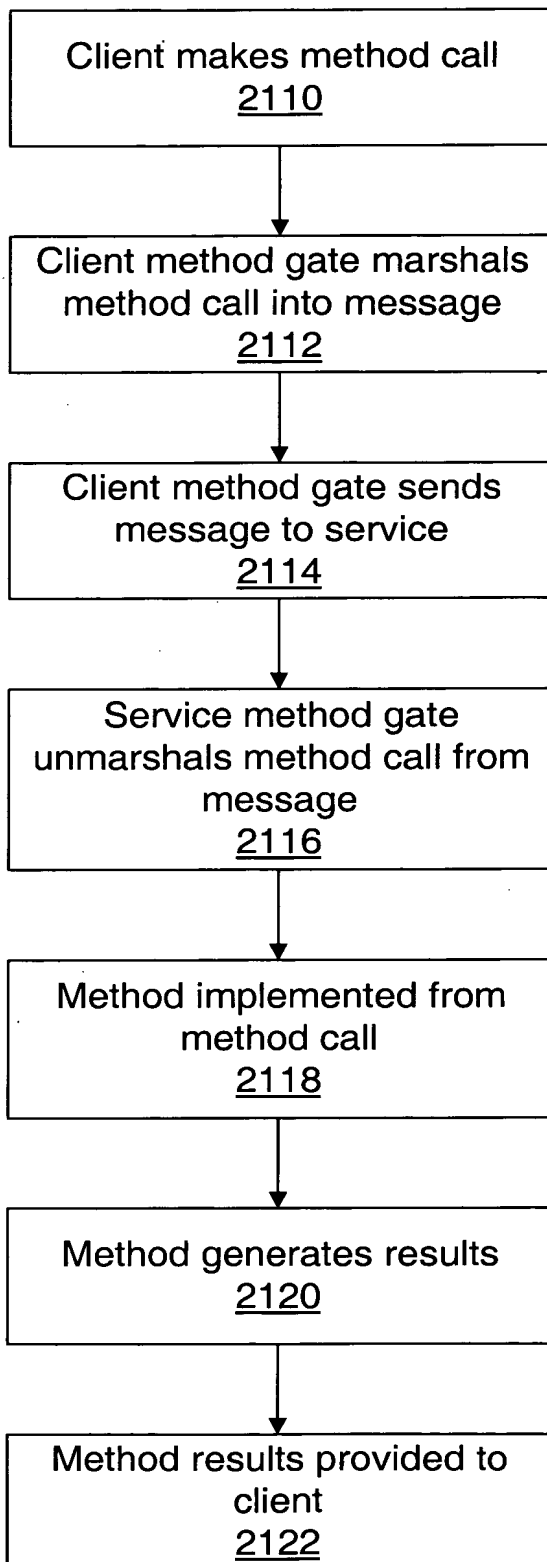


Figure 45b

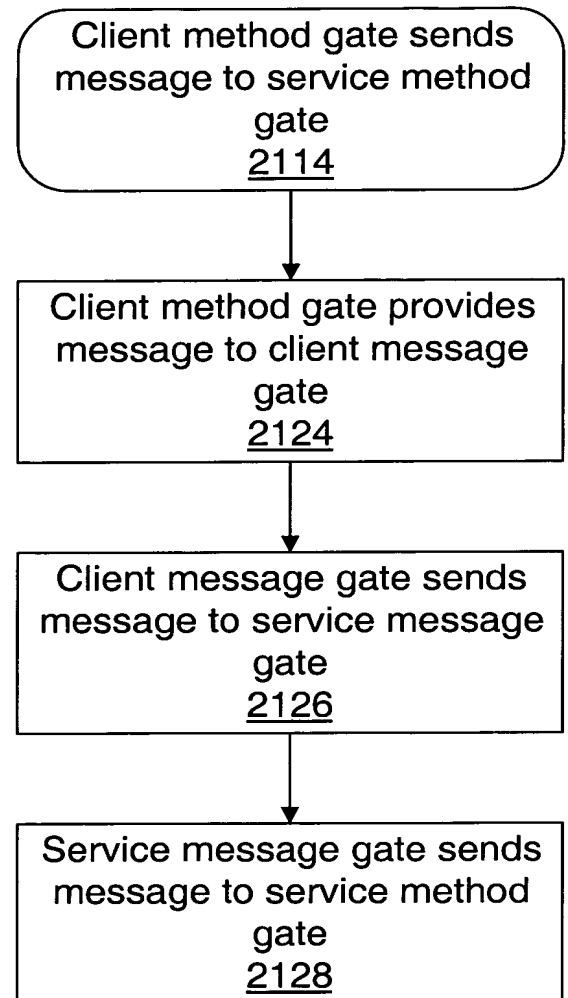


Figure 45c

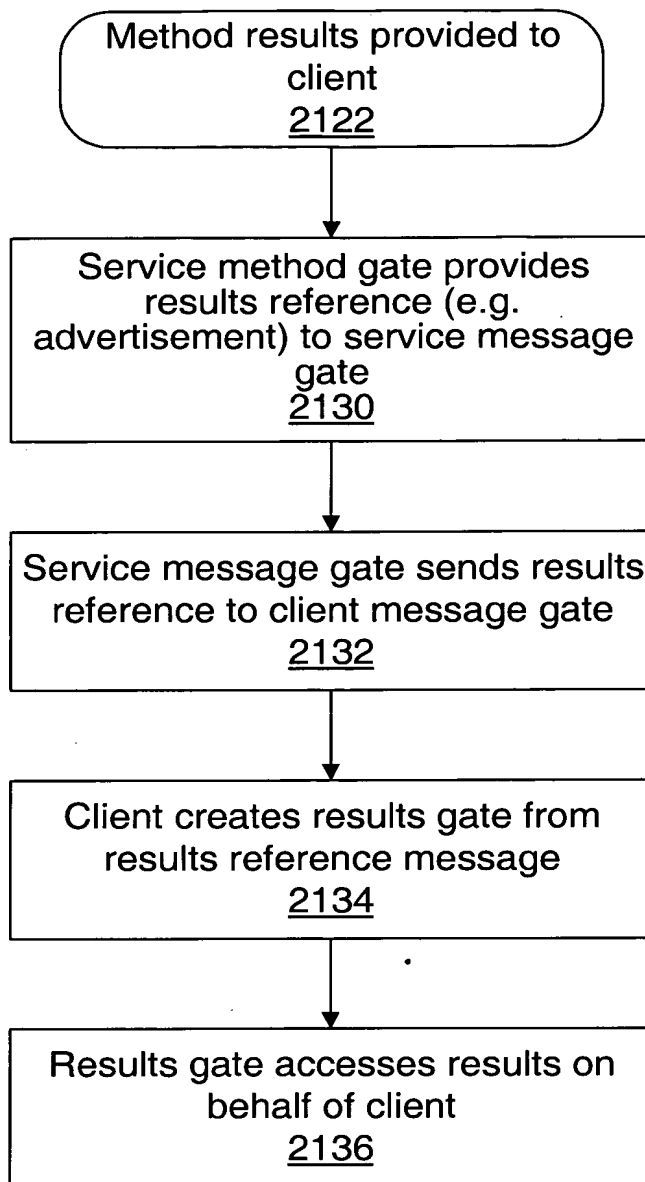


Figure 45d

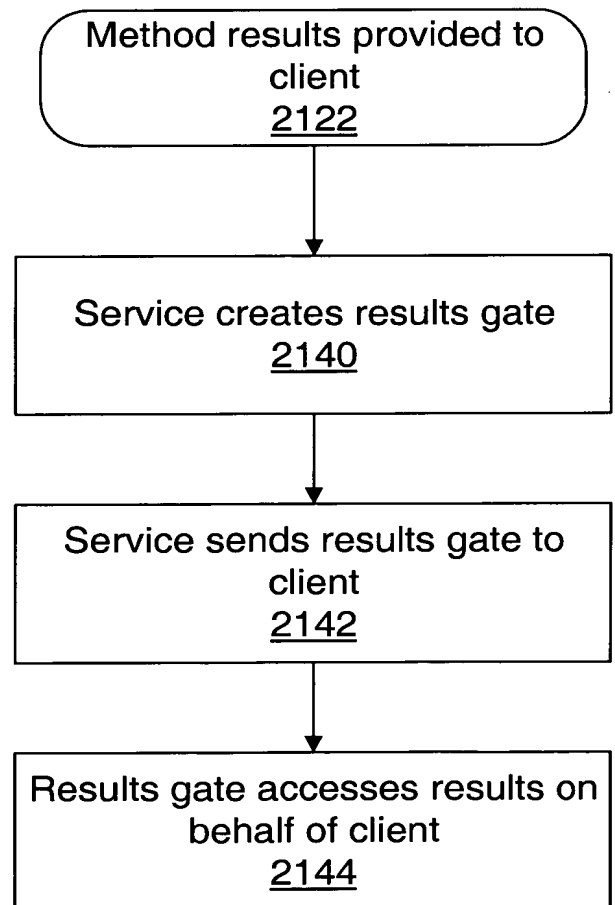


Figure 45e

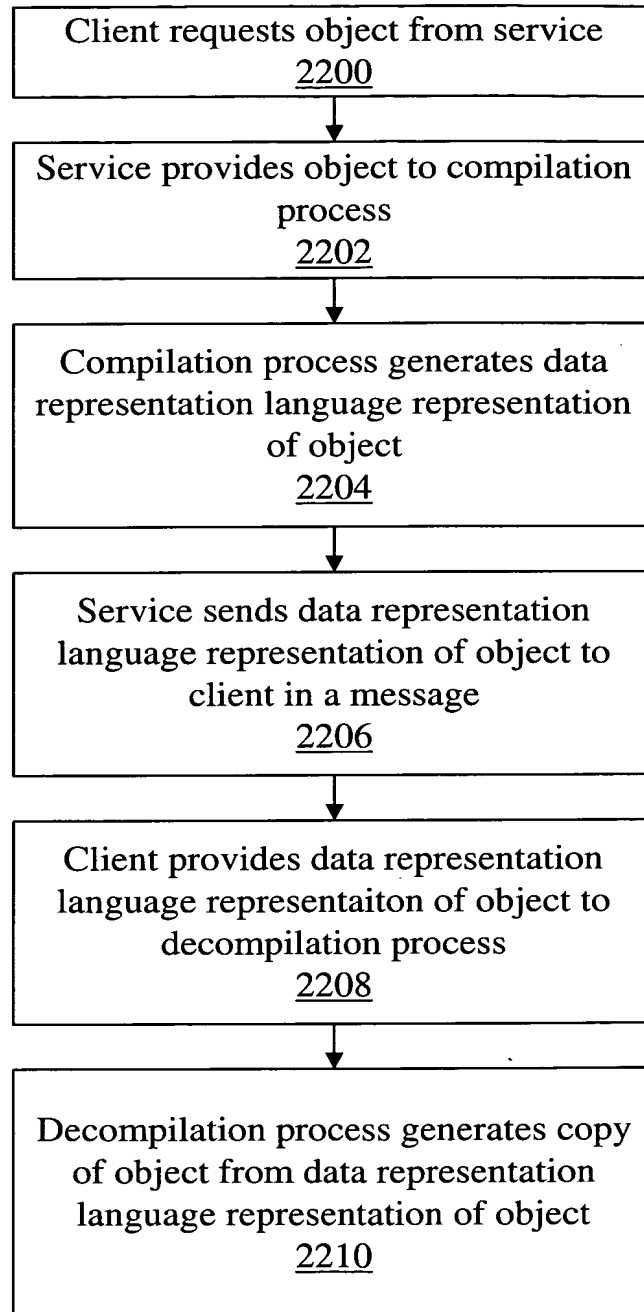


Figure 46

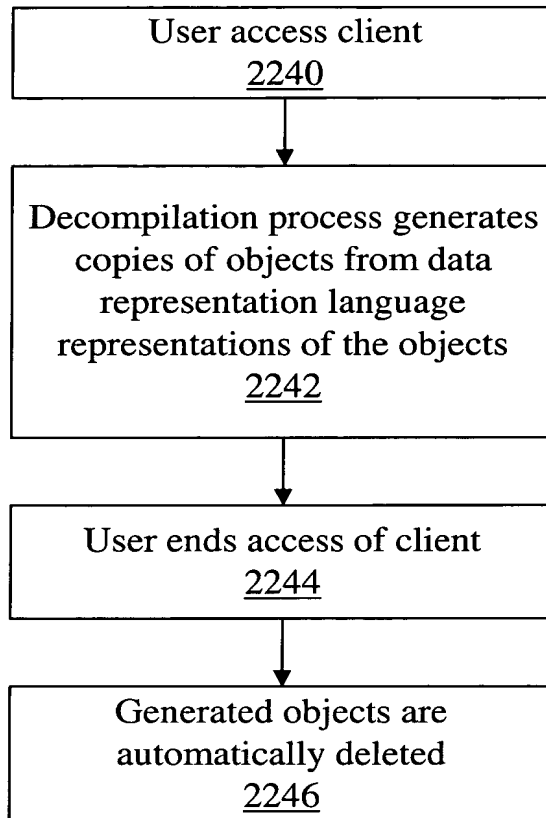


Figure 47

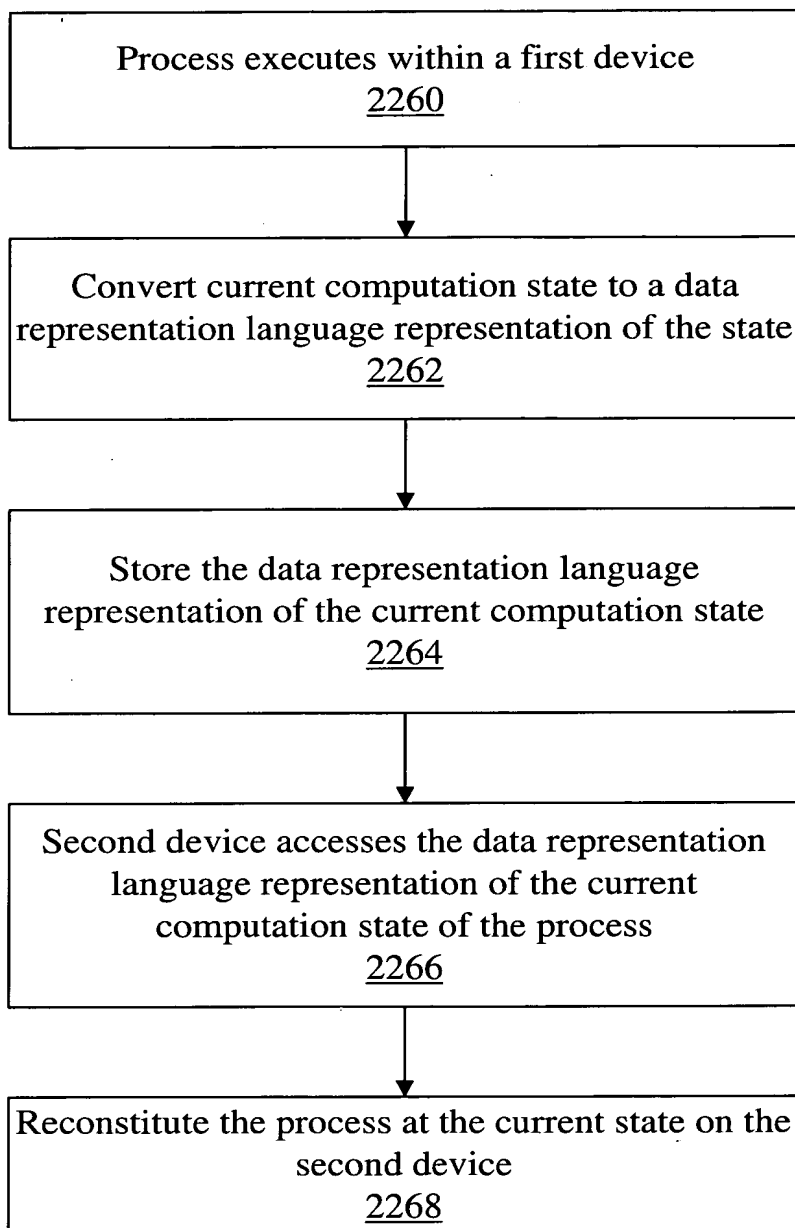


Figure 48